Incipit liber Cebrii Regis Indie magni phylosophi qui flos naturalium vocatur.

Dominus deus omnipotens de exemplo singularis conditor illius primordialis non indigens ellementa creauit celum et terram. Ipsumque celum constituit [illegible] stellis [illegible] multitudine mirabilibus adornauit. [illegible] quidam fixe quidam erratice [illegible] quam dicunt omnes stelle [illegible] planetas que erratice stelle [illegible] pro eo quod semper motum [illegible] omnes figuras nature et virtutes in horum septem naturis [illegible]

Deinde terram constituit in medio celi, ad [illegible] superioris spere rotundam [illegible] immobilem et [illegible] et ad aliquam [illegible] declinantem. [illegible] hominem formauit [illegible] spiritu consequenter [illegible] omnia corpora [illegible] viridantia quam arida [illegible] protraxit. Et [illegible] prodigium [illegible] dota [illegible] cum [illegible] constituens [illegible] sub ipsius imperio [illegible] creaturam [illegible] virtutibus [illegible] tibus [illegible]

[illegible]

De capite hominis

[illegible]

[illegible] illos homines [illegible] duos
lapides [illegible] et [illegible] aliquid
[illegible]
fuit [illegible]
aliquis [illegible] ab eo [illegible]
ante fuit. ¶ Item si pulvis hominis
combusti [illegible] illorum supponatur vul
neri [illegible] sanguinis [illegible] Item
[illegible]
[illegible] sanguis
¶ Ad restringendum fluxum sanguinis [illegible]
si supponatur [illegible] hominis
combusti ¶ [illegible]
hominis et [illegible]
[illegible]
lingue [illegible] ¶ [illegible] hominis
ligati in rota [illegible]
[illegible] ab omnibus [illegible]
[illegible] ¶ De [illegible] hominis
suspensi [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
¶ Item [illegible] ad
[illegible] est ad collum
[illegible]
¶ Item [illegible] saliva hominis ieiu
ni [illegible] in ore [illegible]
[illegible] ¶ Item saliva homi
num [illegible] data
ad potandum [illegible]
[illegible] ¶ De [illegible] hominis
[illegible]
vel aliquid ab alio [illegible]
hominis [illegible]
lingue [illegible]
[illegible] ¶ De
¶ De [illegible]
auris hominis [illegible] et [illegible]
[illegible] solum [illegible]

[illegible] consolidare [illegible]
¶ Item [illegible] omnes [illegible]
[illegible] reddit homines [illegible]
vel [illegible] ¶ De brachiis hominis
Brachium hominis dextrum cum [illegible]
sublevatur in domo [illegible] et contra
[illegible] ¶ Item si [illegible]
[illegible] de osse brachii hominis et de [illegible]
[illegible] curabitur perfecte
¶ Item contra fistulam vel guttam accipe
ossa brachii vel tibie hominis mortui
et [illegible] et cum bene combusta fuerint
frange ea et quere quod infra nigrum
invenies proice, et quod album
est retine et pulverizza subtiliter
et de pulvere illo pone super guttam
vel fistulam sepius, et curabitur
perfecte ¶ De manibus hominis / por
te [illegible] manu pueri vel latronis
suspensi et [illegible] potes ire de
nocte quocumque volueris ¶ Item sanguis
extractus de digito minori sinistre
manus luna [illegible] extracte cum sole et
alia bene cum [illegible] fuit cum [illegible]
si [illegible] fuit in potatione pro
vocat magnam dilectionem et hoc
experimentum Egiptiorum et vidi plu
ries probari, [illegible] debilitat
¶ De ossibus hominis. Si quis malum ad
[illegible] et os hominis ad collum
[illegible] sanabitur ¶ Ossa et caro hominis
combusta movent et provocant homines
ad [illegible] caro et ossa combusta
movent et provocant magnam
[illegible] ¶ De sanguine
hominis. Si [illegible] hominis patiuntur
[illegible] cum aqua sanguis
[illegible] curabitur [illegible]
[illegible] aqua et sanguis
hominis [illegible] sanguinis

[illegible] sanabitur [illegible]
[illegible] aque [illegible]
[illegible] si abluatur [illegible]
[illegible] aqua sanguinis hominis [illegible]
[illegible] sanguine hominis [illegible]
[illegible] et sanabitur [illegible] ¶ Item si a
infirmus cum aliqua apostema con
valescere non potest abluatur cum aq[ua]
de sanguine hominis [illegible] distillata
et sanabitur pro certo ¶ Tortellus fa
ctus ex adipe [illegible] et aqua de
sanguine hominis distillata [illegible]
ponatur ibi mastic [illegible]
et tortellus ille [illegible]
frigido stomaco patiens fluxum ven
tris certo restringet ¶ Item aqua de
sanguine hominis distillata curat re
tentiones intollerabiles [illegible]
dis si biberit ex ea ¶ Ut [illegible]
si quis per noctem timet abluat [illegible]
nervos de sanguine hominis [illegible] distillata [illegible]
non timebit ¶ Ut [illegible]
et fistula curatur si sepius abluatur
de aqua de sanguine hominis [illegible] distillata
et super aspergatur [illegible] de sanguine
hominis / Et si quis timeret de aliqua
infirmitate futura accipiat aquam
de sanguine hominis [illegible] distillatam et de
illa bene calida bibat per tres dies [illegible]
[illegible] in mane [illegible]
[illegible] et sanabitur pro certo ¶ [illegible]
de [illegible] oleum de sanguine hominis
distillatum et [illegible] cum [illegible]
vel [illegible] cum aqua sal
solis et salis armoniaci [illegible]
et ad metallum [illegible]
moso ¶ Ut [illegible]
malas pustullas [illegible]
de sanguine hominis [illegible] distillata
[illegible]
de sanguine hominis ¶

aqua

321

Ue brizia homis / brina hominis valet loca et genua per que transit.
Item si ribeonis super lauat et conuerti / Item si ydropicis super potetur breuis perum et prodest.
Item bullit parum in aliis modis
si rauca et loca inde lauat. Item Stercore hominis Stercus hominis desiccatum
ad solem et super solem in quo fricatum
est fuit puluerisatum corrodit et destruit
fetorem et mundificat solum et valet
ad fistulam. Item Stercus desiccatum
ad solem aufert corruptiones fistula
et quasi alios malicias / aufert etiam
vulnera et omnibus ... Item omnis
febricitans quomodocumque modo patiatur
si ex aqua de stercore hominis ter
distillata et bene ac munite depurata
qualibet die bibat ℥ j cum rufca semper
dicto modo cum Sequentem curabitur. Item aqua
de stercore hominis ter distillata potata super
posito ... pulueris de stercore hominis
... ... ... malum mortuum.
Item homo mala sompnia sompnians
a... aqua stercoris caput suum abluat
et curabitur.

Finis Laus deo.

Sis hys paucis contentus sacerdos in
Creatore parmande extractis ex opus-
culo Ciberii Regis Indie maximi
phylosophi: quod flos naturarum vocari
voluit, quia hec pauca arti tue
conuenire cognoui. Ceteris ibi descriptis
ad Archimistas, nec non artium ma-
gicam exercentibus conuenientibus
... calamo parare honestum
... Habeas itaque hec pauca
... omnibus Alberti magni tibi
... ... scriptis sine non alio

volumine prestabili ad mei
memoriam, tuique consolationem
et comodum, quibus si vigili
cura studio insudaveris, iudicio
meo tibi honor et tuis posteris
non fructu consequentur. Que si non
ita scripta, ut forte te deceret, aspi
cis, sed potius tremulis membris
infirmitis langoribus in hys meis
senilibus temporibus affectis, que cordi
et calamo ascribendum ducas.
Cum vera promissione quod si cessan
te adversa fortuna prospera sequetur,
intelliges me tuis perpetuis tempo
ribus fore, et de maioribus quam pre
missis tibi facere certe nulli esse.
Igitur hoc tuum infeliciam scribi
ametur, tt professorem minimum
de Montebarchario in tuis quinque
mensibus detemptus et mancipatus
carcere, quo nihil homini digno me
stius flebilius, de terris ac vicendi
ascribi potest, non subsistente causa
iuste, autem detemptus in se renove
bitet Catonis versum. Quod me
rito parvus patienter ferre memento.
Et mihi iuxta Xenophontem pru
dentiam secundam fortuna mo
deste ferre, adversam prudenter; sed
in omnibus deo laudes agendae, qui
sibi apta retribuit. Amen.

Incepta omnia anno MCCCCLXXIX die
primo Iunii, et finita eodem anno
die XVIII Novembris in Castro
Ravello sub custodia
domini Iohannis Ysnardi et
domini Balthassaris Castellani
Castri bene meriti

[illegible] Item nobis [illegible]
[illegible]
[illegible]
[illegible] Item [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] duo libros [illegible]
[illegible] Item [illegible]
nos [illegible]
ys. lxi. [illegible] Item [illegible]
ut exemplar [illegible]
sententia [illegible] Item [illegible]
[illegible] Job [illegible]
et non retardamus [illegible]
hic rogem. Item [illegible]
ad [illegible] exemplaris [illegible]
[illegible] Item nullus [illegible]
in [illegible] vel [illegible]
[illegible] temporibus [illegible]
Item super [illegible] existens [illegible]
Angelus [illegible] cum sit disformis ut dicit
dyonisius est instantaneus et [illegible]
[illegible] ad aliud [illegible]
[illegible]
[illegible] angelo [illegible]
ligentia [illegible]
[illegible]
Item homo [illegible] angeli [illegible]
bonus angelus blande [illegible]
[illegible]
Zacharia [illegible]
[illegible]
[illegible] ut dicit [illegible] Item [illegible]
[illegible]
[illegible]
[illegible] Item [illegible] pro [illegible]
[illegible]
[illegible]

ad [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

S[illegible] bonus [illegible]
[illegible]
[illegible]
[illegible]
[illegible] angelus [illegible]
[illegible] angelus [illegible]
[illegible]
[illegible]
[illegible]
[illegible] et [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] ... status est ... [illegible]

[illegible] ... figura [illegible] ... [illegible]

[illegible]

[illegible] demon [illegible] primo [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] scriptura sicut dicit
beda. et [illegible]
[illegible] demones [illegible]
[illegible] possunt omnes
[illegible] solent dare respo
[illegible] est ingenio et
[illegible] subtilioris sensus
[illegible] per experientiam longis
[illegible] plurimum per dei iussum angelica
[illegible] in corpore aerea corpora na
[illegible] transgressionem celestia
corpora gerebant lapsi vero in aeream
qualitatem conversi sunt, que eis carcer est
usque ad iudicium. Item sunt prevaricatores
angeli quorum dyabolus princeps est. Item
dicitur sathan i. adversarius, quia ex corru
ptella malitie deo qui summum bonum est
contrarie adversatur. ut dicit Jo. [illegible]
tas audacia magis presumunt quam posset
ut dicit glo. super illud maior est arro
gantia eius [illegible]. Sicut quidam dicit eum
potius velle esse quod non est ut pugnet
contra deum [illegible] suum [illegible]
[illegible]. Item vocatur behemoth.
Job. 40. Ecce behemoth. ibi glo. behemoth.
bos vel animal interpretatur quia demon sic
bos [illegible] appetit, quia sugge
stionis [illegible] spiritualium virorum
[illegible] virtutum querit carnalia
[illegible] demon. Item dicitur
leviathan i. [illegible] Job. 40. quia
ut dicit [illegible] malo adhibet penam
[illegible] non desistit [illegible] sua.

Et sicut velat culpa sic et pena ...
[illegible] dicit apostolus ... [illegible]
[illegible] ... ut pz apoc. [illegible]
[illegible] ... in ... sicut ... pla
... in malicia ... [illegible]
... dicitur in pb. ...
[illegible] ... de silua ...
... diabolus ... dicitur ...
suum ... qui genus ...
... superbie sup
ponitur ... [illegible]
dicitur ... ad summa
... [illegible]
Unoratia falsis ... [illegible]
accusat, ut de ... pro ... [illegible]
sator ... et sic dicitur ...
Item pter ista noia ... [illegible]
eius malicia denotatur dicitur ...
vel draco pp eius ... [illegible]
tia. apoc. xii. leo pp eius ... vio
lentia p^a pet^i. ... sicut leo ...
vertis pp eius obstinatam duritiam ...
iq.^o / Item volucres ... pp ipius
in aere caliginoso latentia. et ic ab
augo ... oppio platonis ... de
demonibus sup gen. ad litteram ... et
... ul sup ... demones
aerea dicitur aialia qr corporeum ae
reum ... per ... dissol
... in ... elementorum
apta ad patiendum ... ad agendum.
Sicut dicit aug^o in li. de ... [illegible]
... demones sunt aialia ... passi
... racionalia, ... duratione
eterna corpore aerea ... sicut
ab aug^o ... [illegible]
... in ... demon a
... [illegible]

... in hoc ...
caliginoso ...
... [illegible]
... [illegible]
pp ... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
obsidens ... [illegible]
ut ... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
et ... [illegible]
... [illegible]
... [illegible]
... [illegible]
ad ... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]

[illegible]

tristicie et discordia tumultus et huiusmodi
[illegible] Item idem [illegible]
hostis temptator qui [illegible] blande et illu
[illegible] post ad [illegible]
[illegible] per [illegible] pestiferis violenta
[illegible] [illegible]
[illegible] Item [illegible]
hostis callidus qui [illegible]
[illegible] et fraudulentis
consiliis [illegible] dictis resonat
ad noxam [illegible] Item idem li. 9o [illegible]
[illegible] quia
[illegible] ostendit. Item li. 34o in
fine [illegible] tanto ferventior erit ad se-
vitiam quo [illegible] sentit ad iudicium
[illegible] Item ibidem [illegible] quicquid [illegible]
[illegible] callidus exquirat tunc
[illegible] aliud [illegible] et per illum
[illegible] hominem qui gestabit omne
quod poterit nequitie [illegible] Item idem
li. 33o apparente iudicio [illegible]
[illegible] ministerio angelorum hostis diabolus
et bellua crudelis et fortis in medio
captivus adducitur et cum suo toto corpore
[illegible] incapabitur.
Ubi usque [illegible] erit spectaculum [illegible]
hec [illegible] bellua [illegible] oculis
ostendetur [illegible] parva et infinitis [illegible]
malignorum [illegible] et eorum [illegible]
[illegible] dicta sufficiat. Et alias [illegible]
ipsi sathane [illegible] et [illegible] materias
si quis scire desiderat. Beatus Gregorius super
Job [illegible] et [illegible] maxime in duobus
capitulis [illegible] xl. et xli.

Liber 3us [illegible] in [illegible] et [illegible]
[illegible] et aliis proprietatibus [illegible]
incorporea [illegible] divina [illegible] et angelica

Nunc dicemus aliquid de creatura
Et incipiemus ab homine

Adiuvante Jesu x[risto] in precedentibus de sba creat[ur]a incorporea de divina s[cilicet] et angelica. quam ad hoc sperare q[uo]d pusilla brevit[er] introduci. // Nunc eiusdem aux[ili]o ad creatura[m] corpoream stilu[m] q[ue] ... a dignissima creaturarum s[cilicet] ab homine qui nat[ur]a et proprietate ... tamen potius q[uam] spiritu inchoamus

Cap[itulu]m de na[tura] ho[mi]nis

na[tura] ho[mi]nis

Q[uonia]m igitur ho[mo] ... sit a[n]i[m]al deiforme mansuetu[m] na[tura] ... ro[n]is disciplie susceptibile divine ... ymaginem ip[s]o cognoscam et ... ip[s]o diligen[s] ... et particul[ares] ho[mi]nis proprietates manifeste ... a p[ar]tibus eius ex q[ui]b[us] est ... inchoandu[m]. Et p[ri]mo a na[tura] ... s[cilicet] ab a[n]i[m]a sua qua est sba angelica ... dat q[uia] s[ecundu]m illa[m] sup[er] na[tura]m ... ho[mo] ad celestia elevat[ur]. Nam sic dic[it] ysy[dorus] ... est homo ab humo dictus cu[m] ex sbstantie non totu[m] corpus ... Et io grece antropos i[d est] sursu[m] erectus appellat[ur] eo q[uod] ab humo ad contemplatio[n]e[m] sui artificis sp[iritu]s regimi[n]e sublevat[ur]

versus

Unde poeta pronaq[ue] ... a[n]i[m]alia cetera terra ... ho[mi]ni sublime dedit celumq[ue] vid[ere] iussit et erectos ad sidera tollere vultus. ho[mo] itaq[ue] ... querens et non tamq[uam] pecus mentem ... in terra figat. et s[ecundu]m ysi[dorum] dup[le]x sit ho[mo] s[cilicet] interior et exterior. p[ri]mo de interiore s[cilicet] ab a[n]i[m]a est tractandu[m]. hic dicendu[m] est quid sit a[n]i[m]a

... q[ui]d sit a[n]i[m]a

P[ri]mo igit[ur] videndu[m] est q[ui]d sit a[n]i[m]a 2[m] ... 2[m] diffinit[ur] et q[ui]d dicat[ur] ethimologia et no[m]i[n]is impositione ... q[ui]d s[ecundu]m ... et virtutu[m] 3[o] quid

2[m] ... et opinione ... opinionem ... corpore ... a[n]i[m]a ... a quibusdam ... et sp[iritu]s ab ang[elo] ...

Cap[itulu]m de diffini[tione] no[minis] ...

A[n]i[m]a est sba ... illu[m]i[n]atio[n]is ... et qua diffinitio[n]e ... ymmediate post ang[elum] ... proprietatib[us] ... duplex ... nobili ... natura[m] ... a ... a[n]i[m]a ... ang[el]... sp[iritu]s ... a[n]i[m]a ... sba ... corpori ... alias ... sp[iritu]s ... ministerio ... et guberna... regimen corp[or]is ... eliminat[ur] ... ingendo ... in corpore ... corporis ... post ... et ... dr[icitu]r ... sentit ... facta sit ... residens ... et ... sibi ... forma ... a ph[ilosoph]...

4

[illegible]

pusillia. Sic etiam … in corpore
ipsa est anima pusillum … tuo …
uoluntaria … …
… hec … …
suscipiendum quo et … et
esse … Io. damascenus 2°
… supradicto. De descriptione anime
et proprietatibus eius

Consiliis enim preparantes describit …
notabilis beda dicens sic: anima
insignita dei imagine decorata similitudine
desponsata fide dotata spiritu redempta sanguine
que deputatur cum angelis capax beatitudinis
heres salutis … quod tibi cum …
Ex istis omnibus diffinitionibus et descriptionibus
variis … proprietates rationalis anime quo
ad esse … et … que …
… sit anima pluribus est incertum. Nam ut
hoc legimus antiqui philosophi varias et quasi con-
trarias sententias sensisse. Refert enim
aristoteles in libro de anima quod plato posuit animam
essentiam se mouentem. zeno uero dicit animam
esse numerum se mouentem. pictagoras
armoniam. … ypocras
… uero dicit animam quintam essentiam …
… Sporcas autem spiritum tenuem per
omne corpus dispersum. Eraclitus phisicus lu-
cem uel scintillam … animam uocat.
… spiritum … propter fami-
liaritatem … totius corporis …
esse asserit. Democritus dicit eam ex terra
igne … Epicurus dicit animam quandam
… igne et aere esse. ypocras dicit
animam quendam uigorem igneum …
…
… diffinitionis anime sunt et eius descriptionis.
Capitulum

Quam igitur hec et tam diuersa de substantia anime
a … sint relata. hoc solum
sufficiat …

Aia est plani spualis et cendalis sibi ad
uiuificandum et perficiendum corpus huma-
ne sed ex nichilo sit creata. unde q' hec
sciens substantia subicitur [illegible] est sibi et
ignis [illegible] et maliter et hoc sine
sibi sunt [illegible] sine c[illegible] [illegible]
q' incorporea est [illegible] est [illegible] incorporali
[illegible] [illegible] sm dyo. [illegible] [illegible] q' simplex
est in natura. Ideo n' augmentum n' detrimentum
est in sua essentia corporea. Et [illegible] in
corpore maiore est maior [illegible] in minore
minor ita aug' d'. [illegible] in quibus simplex
sit et inuariabilis in sua sua [illegible]
tn est in po^a [illegible] multitudo [illegible]
et po^a [illegible] [illegible] maioritatem uel minori-
tatem [illegible] quo ad [illegible] [illegible]
[illegible] multitudo est in aia [illegible]
[illegible] in [illegible] q' in [illegible] [illegible]
[illegible] in [illegible]. [illegible] itaq' multiplex [illegible]
sm [illegible] et diffinicionem. [illegible] aut [illegible]
[illegible] [illegible] [illegible] [illegible] nois [illegible]
Q[illegible] [illegible] [illegible] aia nomen accipit.

Anima igitur sm ysid. a gentilibus nomen
accepit pro eo q' sm corpus [illegible]
[illegible] q' [illegible] athenas [illegible] [illegible]
hoc [illegible] [illegible] est. q' [illegible] aia [illegible]
[illegible] [illegible] et [illegible]. Aia igitur dicitur eo
q' uiuit et corpus cui infunditur aiat et
uiuificat. spus uero dicit' q' uita [illegible] in
se spualem [illegible] et [illegible] et quia
[illegible] [illegible] [illegible] corpus. [illegible] autem
[illegible] est aia et animus. [illegible] aia [illegible] [illegible]
sm [illegible] et animus sm [illegible] [illegible] dicitur
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] dicitur et aia [illegible] q' [illegible] [illegible]
[illegible] uel q' meminit [illegible] et homo
[illegible] [illegible] [illegible] ymago [illegible] [illegible] [illegible] [illegible]
[illegible] ita [illegible] [illegible] [illegible] pro alio [illegible] [illegible]
et [illegible] diuersa noia [illegible] aia [illegible] [illegible]
[illegible] aia [illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] animus [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] spus [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] pro [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] est [illegible]
[illegible] [illegible] [illegible]

Capitulum de pote[illegible]

Anima uo[illegible]
[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] et ad [illegible]
corpus [illegible] [illegible]
[illegible] [illegible] [illegible]
et [illegible] in [illegible]
[illegible] ad [illegible] [illegible]
[illegible] ad [illegible]
[illegible] po^a est [illegible]
[illegible] [illegible] et [illegible]
Tercia est [illegible] [illegible]
[illegible] [illegible] corp[illegible] [illegible]
Quarta est [illegible] qua [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible]
et ex influit [illegible]
et [illegible] [illegible]
Et hec pote[illegible]
[illegible] uo [illegible]
prout a corp[illegible]
separata sit [illegible]
[illegible] [illegible]
[illegible] [illegible]

Prout aut aia [illegible]
[illegible] hec potentia
in [illegible] [illegible]
et [illegible] [illegible]
[illegible] [illegible]
[illegible]

asstiua boi vel motiua ad fuga
[illegible] appetitiua vel [illegible]
[illegible] [illegible] sensus [illegible]
motiua [illegible] vel [illegible]
[illegible]
[illegible] sensibili [illegible]
[illegible] et [illegible]
[illegible] et [illegible]
[illegible]
[illegible] assistendum
[illegible]
[illegible] in hoc
[illegible]
[illegible]
[illegible] hunc

[illegible]
[illegible] sensibilis et [illegible]
[illegible]
[illegible] in plantis et [illegible] sensibil
[illegible]
[illegible]
[illegible] generatiua
[illegible] hec potentia
[illegible] in [illegible]
[illegible]
[illegible] angulo ad an
[illegible] sic et aia sen
[illegible] potentiarum
[illegible] et vegetabil
[illegible]
[illegible] et [illegible]
[illegible]
[illegible]
[illegible] aia [illegible]
[illegible]

[illegible] De potentiis aie ve
getabilis

Anima igitur vegetabilis [illegible]
[illegible] ad [illegible]
[illegible] nutritiua ad [illegible]
[illegible] augmentatiua [illegible]
[illegible] vegetabilis
[illegible] virtutes [illegible]
[illegible] in nutrimento digestiua
que [illegible] in
[illegible] ad
[illegible] et ad singulos
[illegible] in plantis [illegible] in
[illegible] ut restauretur
[illegible] in plantis expul
siua ad exterius [illegible] quod est [illegible]
et [illegible] et alie virtutes poti[illegible]
[illegible] ut [illegible] mutatiua
[illegible] assistentia [illegible]
[illegible] quam [illegible] in
[illegible] pars. Ex predictis igitur
[illegible] quod aia [illegible] vegetabilis
in plantis [illegible] filia producit et pro
ducta in esse multiplicat et custodit [illegible]
[illegible] nutrimentum [illegible]
[illegible] incorporat atque [illegible]
[illegible] abicit et [illegible] generati
[illegible] positiua et multi
plicat [illegible] et ad esse [illegible] per nu
tritiuam [illegible] multiplicat multiplicata
[illegible] atque [illegible] per augmenta
tiuam [illegible] in debita [illegible]
[illegible] et producit [illegible] et [illegible]
[illegible] et [illegible] tem
pore [illegible] aia vegetabilis [illegible]
[illegible]. De aia sensibili [illegible]
ad [illegible] potentias

De aia autem sensibili [illegible] ad po
tentias [illegible] pauca [illegible]
[illegible] sensibilis in [illegible]

[illegible] aia sensibili
ad [illegible]

[illegible] in [illegible] s[illegible] [illegible] ab ido [illegible]
[illegible] [illegible] et arterias p [illegible]
[illegible] [illegible] [illegible] mot[illegible] [illegible]
[illegible] in [illegible] medio [illegible]
[illegible] [illegible] sensibiles [illegible]
[illegible] [illegible] motiua [illegible] [illegible]
[illegible] in [illegible] [illegible] sensu interiore
et in [illegible] parte [illegible] sensu exteriori
Sensus uo exterior [illegible] [illegible] auditu
gustu odor[illegible] [illegible] sensus [illegible]
in suis s. o[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] descendit [illegible] ad [illegible] [illegible]
pupillas et [illegible] [illegible] [illegible]
[illegible] ad aures quartus ad
linguã et palatũ qui[illegible] [illegible] ad
[illegible] corpus totũ p [illegible] [illegible]
spus sensibiles [illegible] p [illegible] descendit
et [illegible] [illegible] totũ sensibile et [illegible]
[illegible] [illegible] [illegible] [illegible] per
neruos arterias et musculos totũ co
pago corporis ad motũ [illegible] [illegible].
De sensu aie interiori sensibili

Sensus uo [illegible] siue interior diuid[illegible]
in tres partes [illegible] tres [illegible] corporis
[illegible] in cerebro [illegible] [illegible] [illegible] anterior
in qua apat[illegible] [illegible] ymaginatiua q[illegible] ea
q[illegible] sensus exterior [illegible] aprehendit interius ordi
nat et [illegible] ut [illegible] [illegible]. Est et [illegible] [illegible]
[illegible] s. longitudina in q[illegible] [illegible] sensibilibus
siue [illegible] uirtus d[illegible]. Est [illegible]
[illegible] et postrema. [illegible] memoratiua q ea q[illegible]
aprehensa s[illegible] p ymaginatiuã siue [illegible]
in thesauro memorie retinet et custod[illegible].
De sensu aie siue uirtute quadã
que sensitiua d[illegible]

Sensus itaqz sic sensitiua [illegible] q ab
aia sensibili [illegible] [illegible] [illegible] aia
[illegible] coloribus et [illegible] [illegible] [illegible] ob
[illegible] [illegible] [illegible] et discernit [illegible] [illegible]

uo [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
et [illegible] [illegible]
et [illegible] [illegible]
in [illegible] [illegible] [illegible]
et [illegible] [illegible]
tiua uo est [illegible]
[illegible] [illegible] [illegible]
[illegible] et [illegible]
memoria est [illegible]
sensibili motiua aie [illegible]

Uirtus aie sensibil[illegible]
[illegible] [illegible] [illegible]
[illegible] est motiua [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] neruos [illegible]
pulmonis [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

De sensu aie interiori sensibili

Sensu aie sic [illegible] q[illegible] [illegible] sensitiua d[illegible]

G

...itatiue intuitus est ipa aia
...s purissima spiritualis sba inmortalis
...ce et dignior [illegible] longe
[illegible]
...cumbit per
...et vires virtus
...ce et [illegible]
...nobilior [illegible]
...sensitiva et in ipsis
...organorum
[illegible]
...diminuit vel destruit
...nobilitate organorum
...productiua
[illegible]
...inferiora iuuamenta in [illegible]
...et actiua [illegible] diffusa
...sensus et vera [illegible]
...in singulis [illegible] actualiter
...in visu debilitatur
[illegible]
...et in singulis sensibus
...vires virtus
...deterioratur et in viribus
...operationum
...sensibilia
...in paralisi
...minori valore
[illegible]
...fundatur
...corruptis
...et [illegible]
...corrupit [illegible]
...intellectiua
[illegible]

pro duos habet actus intelligendi spiritualiter et intellectum spiritualiter sibi subiectum corporalitatiuus [illegible] in [illegible] intellectum spiritus in operationem et hac ratione diuiditur in actiua et contemplatiua. Anima est rationalis quia est et incorruptibilis et immortalis propter quod et vires principales actiue scilicet intellectus voluntatis a corpore et ideo philosophus dicit et intellectus a corpore separata quanto plus se corpori immerserit tanto tardius et superficialius intelligit et quo magis se a carnalibus viribus subtraxerit tanto facilius et clarius apprehendit. Unde ait [illegible] immersione vel per fantasticam ymaginationem vel per dilectationem carnis sue corporis in dilectione ut dicit Gregorius. Homo sic in modo creatus est ut esset inferior angelo superiorque iumento ita habet aliquid quod commune est cum summo et aliquid cum infimo immortalitatem quidem habet spiritus cum angelo mortalitatem vero corporis cum iumento. Anima igitur si ad deum per rationem conuertitur illuminatur melioratur et perficitur. Si vero per affectionem ad creaturas conuertitur obscuratur corrumpitur et deterioratur. Cuius ratio est quia licet anima considerata immortalis sit et proprie passibilis non est / [illegible] corpori cui est iuncta. Unde Augustinus in libro de anima et spiritu. Anime in corporibus viuentes per dilectionem carnis sensibilium corporalium ymaginibus afficiuntur a corporibus exeuntes ab eisdem ymaginibus torquentur patiuntur propria [illegible] corporalibus passionibus ubi detinentur positis quia hec mundam [illegible] corruptor corde non fuerit. Ex quo patet quod anima quamuis in sui natura sit purissima impuritate tamen contrahit a carne que vegetate est corrupta [illegible] sue quodlibet aliud [illegible]

[illegible] ex [illegible] tali conceptio [illegible]
[illegible] et [illegible] a corpore
[illegible] sed [illegible]
[illegible] sic gemma [illegible]
[illegible] hec anima [illegible]
[illegible] corpori

De aia rónali

Recio [illegible] et potens [illegible]
nalis [illegible] diuine
ymaginis et similitudinis [illegible]
et hoc [illegible]
et [illegible] Item [illegible] silenc
et in se [illegible]
ut dic aug. Item [illegible] in toto
uel [illegible] corpus est in [illegible]
Nam ut dicit cassiodor'. Aia [illegible]
diuina ymagine [illegible] dicitur [illegible]
termino claudatur // Item est [illegible]
est cor[illegible] organici phisici et [illegible]
in parte et in toto est perfecta. Ite ex na
sibi indita nali est boni et mali [illegible]
et [illegible] diiudicatiua et libere electiua
Ite sz diuersas potentias formarum et
spe[illegible] [illegible] et absentium [illegible] apprehensiua.
Nam uos nalres per suas nales formas
[illegible] uel [illegible] deferunt / uos uero
[illegible]nales per suas [illegible] apprehendit ut d'
Aug. // Item per reflexionem [illegible] ipius
super se est sui ipius cognitiua ut dic
phs. Nam [illegible] et intellig' se ipm
cognoscit se. Item illuminare et impres
sionum [illegible] tabl' est nalr
[illegible] // Item [illegible] nali incorporali et
[illegible] corpori appetitu [illegible] est nali
[illegible] // Item nal' est appetitiua
boni et mali [illegible] fugitiua [illegible]
ex [illegible] libero arbitrio [illegible] eligit
[illegible] in malo ex [illegible]
[illegible] ut dic aug. [illegible] ad uegetabile
[illegible] sensibilis [illegible]

aut [illegible] tale [illegible]
[illegible] lonis [illegible]
[illegible]nales [illegible]
[illegible] forme [illegible]
[illegible]
[illegible]
De proprietatibus [illegible]

P[illegible]
et in suo corpore [illegible]
[illegible]
[illegible] in toto [illegible]
[illegible] et [illegible]
in corpore [illegible]
[illegible] toto et [illegible]
et dilatat / [illegible] et [illegible]
[illegible] corpora [illegible]
[illegible] hec [illegible]
que in [illegible]nales [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
ture aie que appellat' [illegible]no

A[illegible]
A[illegible]
plate uel [illegible]
Et hec [illegible]
usque ad [illegible]
aut quando [illegible]
[illegible] Nam
[illegible]
transmutat et [illegible]
[illegible] uel [illegible]
[illegible] transmutat [illegible]
[illegible]
na [illegible]
ut [illegible] medium
in [illegible]

[illegible] cor in animalibus [illegible]
per [illegible] et [illegible] [illegible]
[illegible] ad [illegible] per frigiditatem
[illegible] nervus et
[illegible] cor [illegible]
[illegible] sensus [illegible]
[illegible] cognitionis
[illegible] ordinat et distinguit [illegible]
et sp[illegible] per partes singulas
[illegible] virtus perforanda
[illegible] ipsa humiditate et
[illegible] particulis perficit
[illegible] hec dis-
[illegible] dilatatam et informatam
[illegible] et [illegible]
[illegible] plate in [illegible]
[illegible] ut virtus nutritiva ad
[illegible] continue refert. Etenim
[illegible] brevis adiuvat et [illegible]
[illegible] latam dicit et profunde
[illegible] et extendat pinguem
[illegible] membra [illegible] et ei
[illegible] ab alio [illegible] et in
[illegible] et [illegible] et ad dissolvendum
est ac [illegible] caloris vel aliqua parte aeris
[illegible] Et ideo [illegible] mirabiliter
passiva [illegible] fortis adiuvat
[illegible] virtus gravior

De virtutibus particularibus que subministrant passive virtuti

H[illegible] dicitur passive virtuti [illegible] virtus
[illegible] [illegible] aptitudinem
[illegible] [illegible] ipsis
membris et ad [illegible] [illegible]
[illegible] ad nutri-
mentum [illegible] [illegible]
[illegible] [illegible] operatur virtus
[illegible]
[illegible] [illegible]
ab spiritu. [illegible] retentiva que [illegible]

unitas mentis custodie. et quia aer in-
corporatum est singulis membris assillat et
incorporatur atque [illegible] spiritus repulsiva
est quod superflua a membris [illegible] eis
nullatenus assillans [illegible] expellit. Et
ut sicut virtus operativa operatur cum calido
et sicco et digestiva cum calido et humido
et retentiva cum frigido et sicco sic repul-
siva [illegible] et humido operatur. De naturali
virtute quam sequitur vitalis cuius
fundamentum sic spiritu dominatum est.

Virtutum autem naturalium sequitur virtus vitalis
que unitur cuius fundamentum sive
principium dominium est cor a quo prodit vita
ad omnia membra vivificanda. Ista virtus
operatur [illegible] voluntarie motiva
[illegible] cor et arterie dilatantur et constringuntur.
Et dilatatio motus a cordis medio in
omnes extremitates. Sic enim constrictio dicitur
motus ab extremitatibus ad ipsum medium
sicut in fabrorum follibus est videre. Virtus
igitur vitalis cor dilatans mediante pul-
mone aerem ad cor attrahit et a corde
ad alia membra per arterias transmittat.
Et ista virtus per virtutem dilatationis cordis
et constrictionis anhelitum in animalibus operatur qui
movet pectus motu continuo. [illegible] tamen
motus [illegible] et [illegible]. Est autem flatus
sive [illegible] motus est ad caloris na-
turalis mitigationem et ad spiritus vitalis
nutrimentum, non solum ad spiritus animalis generationem.
Custodia enim caloris naturalis est frigida
aeris temperati attractus et custodia vitalis
ex cuius temperamento generatur spiritus animalis.
Et ideo ad virtutis confusionem nihil est
magis nocivum quam anhelitus bene disposito[illegible]
in ordine et ordinatus. Hec omnia dicuntur a Con-
stantino in pantegni. Sine cibo enim
et potu ad horam potest consistere sine attractio-
ne aeris non ad momentum vero animal in-
durata constantia permanet. Corrumpitur tamen

[illegible] aeris [illegible]
[illegible]

De dispositione cordis

P[illegible] cordis [illegible]
[illegible]
[illegible] insistente [illegible]
[illegible] cordis [illegible] et subita [illegible]
[illegible] vero [illegible]
ut in appoplexia [illegible] et in aliis causis
[illegible]. Item [illegible]
[illegible]
fit [illegible]
nec aeris [illegible]
accidit ex subita [illegible]
cordis repressione ut [illegible]
et [illegible] qui [illegible]
[illegible]. Item accidit [illegible]
[illegible]. Nam [illegible]
aufert [illegible] quo [illegible]
[illegible] quo ablato spiritus vitales [illegible]
[illegible] vel [illegible]
[illegible]. Item [illegible] accidit ex pulmone
perforata ut patet in [illegible]
[illegible] poros [illegible]
ad temperandum calorem cordis nullatenus
satisfaciant. Item [illegible] accidit in [illegible]
et maxime [illegible]
subita repletione ut patet in [illegible]
in quibus [illegible]
[illegible] et [illegible]. Item ex
nimia aeris [illegible] vel corruptione
ut patet in pestilentia et corrupto aere
[illegible] spiritus vitales [illegible]
[illegible] cordis se [illegible] ut ex
corrupto aere [illegible] et alia
corporis [illegible]
[illegible] et [illegible]
[illegible]. Item ex [illegible]
[illegible] corruptione ut patet in [illegible]
Item ex [illegible]

[illegible] obstructione [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
non sufficit aer [illegible]
[illegible]
[illegible]
aer [illegible]
[illegible]
[illegible] ut patet in [illegible]
[illegible] Item [illegible]
[illegible]
et [illegible]
[illegible]
[illegible]
[illegible]
aer [illegible]
ex calore vel [illegible]
[illegible] cordis [illegible]
[illegible]
Item [illegible]
[illegible]
in [illegible] in quibus
[illegible]
[illegible] et aliis [illegible]
[illegible] vitales [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] aial' hns q sed' ht in cerebro
U[illegible] pa[illegible]
[illegible]s nat[illegible] [illegible] in sug-
est [illegible] cipit [illegible] [illegible] et hec
ordina[illegible] [illegible] [illegible] e[illegible]ua
ps [illegible] [illegible]t anteri[illegible] Nam
fan[illegible] [illegible] cellula ordinat
rel[illegible] [illegible]ndine/ p[illegible] media
post[illegible] [illegible] extimativa et [illegible] in
[illegible] [illegible] memoria et rer
[illegible] [illegible]llam/ virtus ymagi-
nativa [illegible] [illegible]tur et ymaginat
trans[illegible] [illegible] rationis/ Ca uo
q ab [illegible] [illegible] excipit et si sub
simi[illegible] [illegible] ad memoriam tra
[illegible] [illegible] a [illegible] ea q fuerit
[illegible] [illegible] tenens et [illegible]lla
[illegible] [illegible] reservat firmit et
[illegible] de secunda virtute q dicitur

S[illegible] virtus sensitiva sic h[illegible]
[illegible] na sp[illegible] [illegible] abant
[illegible] [illegible] [illegible] [illegible]diantib
quibusdam [illegible] q sunt mollissi [illegible]
[illegible] quibusdam [illegible] formant vel q[illegible]da
diversi[illegible] [illegible] [illegible] ad oculos
[illegible] forment [illegible] [illegible] ad nares vt for
ment olfact[illegible] [illegible] [illegible] [illegible] sensus [illegible]
visus [illegible] [illegible] [illegible] na [illegible]
[illegible] [illegible] que [illegible] aeris
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] gustus [illegible]
[illegible] [illegible] [illegible] postremo sensus
tactus grossior [illegible] [illegible] sua
[illegible] [illegible] [illegible] ossib et
[illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible]
sua [illegible] [illegible] [illegible] forma [illegible]
[illegible] [illegible] [illegible] sua [illegible]

[illegible] recipiuntur/ Ut formatione
sensus visus q formatur in medio oculi

Sensus igitur visus [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
visus sic formatur cristallo [illegible] oculi
[illegible] in pupilla [illegible] humor [illegible]
[illegible] [illegible] cristalloide a [illegible]
est [illegible] [illegible] cristalli ad susci-
piendas varias colorum formas subito
coaptatur/ Visus enim est sensus colorum
formar et figurarum et quantitatum recep-
[illegible] susceptivus et discretivus. Unde
ad visum hec sunt necessaria [illegible] efficiens
[illegible] sive instrumentum conveniens ex
[illegible] [illegible] sive aer deferens
[illegible] intentio et motus mediocris/ Ca
efficiens est virtus animalis instrumentum humor
cristallinus in utroque oculo collocatus clarus
et rotundus. clarus ut sua claritate
spiritum et aerem oculis recipiat/ rotundus
ut minus sit passibilis quia forma rotun-
da in lateribus elisa angulos non habet in
quibus contineatur superfluitas [illegible] natura [illegible]
[illegible]/ Et tercio [illegible] est aer sine
quo mediante visus non potest fieri. Ut enim visus
perficiatur in aliquibus animalibus aeris claritas
exigitur, in quibusdam vero obscuritas, in
quibusdam autem mediocritas. Nam mu-
[illegible] exigit obscuritas vespertilionibus
et quibusdam aliis volatilibus ut post pa-
tebit/ Item attentio et [illegible] est necessaria [illegible]
enim [illegible] aliquam [illegible] investigandam
alio sensu est intenta. oculus minus
perfecte videt/ qui dum visa non iudicat
Et necessarius est motus mediocris si enim
movetur res visa ex multo impetu
visus confunditur/ et ex motu nimio
et [illegible] [illegible] [illegible] ut p[illegible] [illegible]

apparentem [illegible] per [illegible]
[illegible] sicut una aliquid longum oblon-
gum [illegible] apparet [illegible]
de visu non est [illegible]
[illegible] diversas [illegible] fit [illegible]
[illegible]
[illegible] visus [illegible] per diversitatem linearum
[illegible] in se ad visum.
Alio modo per reflexionem que scilicet [illegible]
tatur species [illegible] ad speculum et a speculo
fit reflexio ad visum. Tercio per fractionem
quando linee non sunt [illegible] ab aliquo sed
divergunt super [illegible] visum non huc
vadunt in directum recto sed divertuntur
a via recta que scilicet medium [illegible]
ponitur. Et est ista media diversitas
dyafanitatum, ut quando unum est densius
et aliud rarius, id est minus densum et
rarius. Aliquando enim occurrerit medium alterius
nature sed frangit radius sive species radio-
sa nisi veniat super lineam cadentem
perpendiculariter super illud medium. [illegible]
[illegible]. Et voco lineam perpendicularem
super corpus planum ad angulos rectos
et super corpus vero sphericum non quando cadit in
centrum. Ad visum autem convenien-
ter [illegible] requiruntur [illegible]
[illegible], primum est sanitas sive bona dis-
positio organi visus. Secundum est appositio
in situs id est visum qui visus tali modo
[illegible] non videt nisi rem illam cuius
partibus veniunt species super lineas rectas
cadentes in centrum oculi. Unde linee
ducte a singulis partibus rei faciunt
unam pyramidem cuius conus est in
pupilla et basis est res visa ut patet
hac figura. Tercium est distantia propor-
tionalis. Quartum [illegible] minus

ab aere [illegible] [illegible]
[illegible] ab aere [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
ut [illegible]

De visu directo

Sunt autem qui [illegible]
[illegible] non [illegible]
[illegible] ille due [illegible]
[illegible]
ab oculis ad rem [illegible]
[illegible] distantie [illegible]
est [illegible]
non [illegible]
[illegible]
[illegible]. Tertium est [illegible]
[illegible] invisibilem que [illegible]
[illegible] in aliqua [illegible]
visus non est nisi per [illegible]
oculum [illegible]
[illegible]
[illegible] visus non [illegible]
[illegible]
Quartum est raritas medii [illegible]
[illegible] medium [illegible]
[illegible]
et [illegible]
[illegible] visibilis [illegible] visui
[illegible]. [illegible]
sic probatur [illegible]
[illegible] visu non [illegible]
cognoscit [illegible]
[illegible]
Et [illegible]
[illegible]
[illegible] ad visum [illegible]

[illegible] vivacitem [illegible] spus visi ad rem
[illegible] piramid[illegible] extensa in [illegible] loco
[illegible] xix [illegible] migit
ali[illegible] q̄ q̄ vi[illegible] ad re visa [illegible]
[illegible] in v methā
[illegible] visi [illegible] eius
[illegible] aliud q̄ spūs [illegible]
nihil [illegible] fin a [illegible]
[illegible] exit [illegible] conus piramidis et di[illegible]
[illegible] sup tota supficie rei
vise [illegible] motor psprtio [illegible]
[illegible] p line orientis sup
[illegible] usq̄ ad oculum [illegible]
[illegible] exigit tota piram
[illegible] et cum istor [illegible]
[illegible] in oculo et basis in
[illegible] ergo visus hz spūs [illegible]
[illegible] piramides fuit transit spūs
[illegible] p mediu tunicar [illegible]
[illegible] ad huorem cristallinuz
[illegible] aia fac [illegible] visa
[illegible] ibi [illegible] ymo
[illegible] spūs [illegible] ad nervum
obticu [illegible] qui sunt in sup
ficie [illegible] et virtus visiua
in radice [illegible] et uno [illegible]
cum via [illegible] due [illegible]
duos oculos [illegible] ad [illegible]
organum in quo [illegible] virtus tota [illegible]
[illegible] ad [illegible] oia reddit
motor psprtio [illegible] visus
assignat [illegible] li. c. ca. xi. dic
[illegible] spūs visibiles [illegible] et aere
[illegible] clar [illegible] mu
[illegible] immutant
aer [illegible]
[illegible] et [illegible]
immutat oculos [illegible] visibil

immutat [illegible] visiua virtutz ad
formas [illegible] pupille se diffond [illegible]
immutato adiungit et [illegible] similie
efficit et [illegible] [illegible] Sor
[illegible] ex varietate formar sibi occurrentiu
facille immutat Sicut videm ex
obiecto pam rubri ad solis radiu
[illegible] aere colorari [illegible] no est mi[illegible]
si oculum clari et dyaphanu sibi [illegible]
[illegible] [illegible] et forma [illegible]
efficit et immutat [illegible] igi sufficit
ad prius [illegible] recolligere
[illegible] visus [illegible] sensibus est clarior
subtilior et vivacior [illegible] a vivaci
tate visus nomē accepit ut dic Isidor⁹

Item [illegible] sensibus est dignior et [illegible]
[illegible] situ alijs est supior Item in
effectu [illegible] alijs
potentior [illegible] alij sensus propinquiora
[illegible] sua virtute remotissima [illegible]
dit sub angulo recto et piramidali visa
diiudicat et discernit [illegible] nobiliori naz
et dispositum organi subtiliori modo et
videnda distinguit Vn dic [illegible] li.
xix. q̄ visus bonus fit et acutus [illegible] ex hu
more temprato [illegible] et aues [illegible]
[illegible] sunt acuti visus ut aquile
et hoc pp [illegible] et subtilitatem humoru
et tempatam in organis visus [illegible]
et tales aues a remotis et locis altis
simis vident cibu et tales aues altius
[illegible] in aere [illegible] volatilia [illegible]
uo in terra manentes no [illegible] acuti
visus [illegible] [illegible] vident cibu
suu Item [illegible] li. xix. oculi glauci no
sunt acuti visus [illegible] in nocte
[illegible] [illegible] oculus glaucus [illegible]
[illegible] [illegible] [illegible] virtus visiua
[illegible] [illegible] oculi [illegible]

[illegible] [illegible] humores [illegible] [illegible]
est [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] spiritus visibilis [illegible]
[illegible] [illegible] spiritus [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] oculi
[illegible] [illegible] [illegible] et [illegible] [illegible]
pupilla [illegible] et [illegible] et [illegible]
super pupillam [illegible] et visus est [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] distinguit [illegible] [illegible] colores
et [illegible] [illegible] visus [illegible] [illegible]
melior est visu [illegible] [illegible]
est nudus et non [illegible] [illegible]
[illegible] propter [illegible] [illegible] spiritus visibiles
disgregat et pupilla [illegible] [illegible]
et sic visus impeditur. [illegible]
palpebras et [illegible] [illegible]
[illegible] [illegible] [illegible] visus [illegible] [illegible]
remotis est propter situm oculorum. Nam oculus
eminens est parum visu [illegible] non videt
bene a remotis sed oculus profundus videt
a remotis. Nam [illegible] non [illegible] neque
[illegible] [illegible] exit ab eis [illegible] visibilis
et vadit directe ad [illegible] [illegible] [illegible] oculi
non [illegible] [illegible] [illegible] visibilitatem
visus [illegible] videbit a remotis [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] visus proprietatibus [illegible] [illegible] dicta
sunt. Nam alia patebit [illegible] [illegible] et
proprietate oculi tractabitur. [illegible]
audibile, quod in aurium organis sortitur
effectum.

[margin: [illegible] audibile [illegible] organis [illegible]]

Virtus audibilis in aurium organis
suum sortitur effectum. [illegible] auditus
sensus [illegible] sonorum [illegible] [illegible]
[illegible] auditum [illegible] [illegible] [illegible]
[illegible] [illegible] organum [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]
[illegible]

[illegible] aere [illegible]
[illegible]
[illegible]
[illegible] auditus
[illegible] et [illegible]
[illegible]
[illegible] auris [illegible]
[illegible]
[illegible] autem passionis
[illegible]
[illegible]
[illegible] transitu aeris ad spiritum audi-
[illegible]
[illegible] aere [illegible]
[illegible] auditus [illegible]
[illegible] ventositate [illegible]
[illegible] audimus
[illegible] illos [illegible]
[illegible] campanas
[illegible]
[illegible] aurium [illegible]
De olfactu [illegible] et eius sensu

Olfactus [illegible] est [illegible]
odoris [illegible]
[illegible]
[illegible]
[illegible] carunculas ad
modum [illegible]
propria organa [illegible]

per quosdam nervos a cerebro descendentes [illegible]
nares [illegible] olfactus [illegible]
carunculas [illegible]
[illegible]
[illegible]
[illegible] nares [illegible]
[illegible]
[illegible]
[illegible] grave
et spongiose [illegible] grave [illegible] grava
[illegible] fumum aere odorabili recipiat
resolutum sicco et est spongiose, ut [illegible]
[illegible] et ideo necessaria est
[illegible] ut scilicet aer sit
fumositate a re odorabili resoluta immu-
tetur et ipsis carunculis incorporetur. Unde sic
fit hic odoratus spiritus animalis per quosdam nervos
qui dicuntur odorabiles ad predictas carunculas
a cerebro transmittitur. Fumus autem corporis
odorabilis resolutus aeri admiscetur, quem
cerebrum [illegible] per illas duas carunculas
sibi attrahit, et in sua similitudine mutat
et qualitatem, et sic per illam mutationem in spiritu
animali fit odoris discretio provocatur. Odoratus
autem ad fumosam spectat naturam sive siccam, [illegible]
per [illegible] hic. Odor nihil aliud est quam [illegible]
fumosa substantia corporis resoluta. Hic
aerem fumosum sive vaporem sibi miscet
et odorabile sibi attrahit cerebrum, sic cor
aerem, et hic aeris attractu cerebrum reparatur
et confortatur sicut calor cordis attractione
aeris mitigatur. Vapor autem si fuerit ma-
litiosus fetidus et corruptus spiritum animalem
corrumpit et sepius pestiferos morbos generat
et inducit. Unde olfactus in suo actu sepius [illegible]
[illegible] propter malam cerebri complexionem [illegible]
[illegible] corruptionem [illegible]
odorabilis nimia repletione ut patet in pa-
tientibus fluxum in naribus sive catarrum, quando
[illegible]
[illegible] dilatatur [illegible] constringuntur.

Vel fit propter superfluum superexcrescentem carnem sicut accidit in poliposis. Vel propter apostema [illegible] humores corruptos [illegible] vel propter aliquos humores [illegible] et [illegible] corrosionem ut patet in [illegible] et [illegible] hic sensus propter [illegible] quorum [illegible] [illegible] virtus animalis confortat et a fumo [illegible] superfluitate [illegible] [illegible] quando corrupta est aliqua causa vel infirmitas virtus animalis [illegible] et in suis actionibus impeditur. Ut dicit [illegible] libro xix. quod sensus olfactus non est nisi [illegible] [illegible] in animali [illegible] nasum. [illegible] [illegible] in medio [illegible] [illegible] propter caput propter [illegible] [illegible] [illegible] animal [illegible] pulmonem et nasum [illegible] [illegible] nasi propter [illegible] [illegible] [illegible] quia organum olfactus non solum [illegible] [illegible] ad [illegible] et [illegible] [illegible] virtutis spiritus animalis et ad [illegible] [illegible] virtuti [illegible] adiutorium et vigore. Hec virtus scilicet odorativa viget in quadrupedibus [illegible] et solo odore [illegible] inter herbas salubres et venenosas [illegible] in simiis [illegible] [illegible] discernunt inter cibos per olfactum [illegible] [illegible] [illegible] maxime viget in canibus [illegible] qui solo odoris ducatu [illegible] vestigia [illegible] olfactus [illegible] [illegible]. Viget et in volatilibus et [illegible] in vulturibus [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] olfactu quod ultra maria cadavera sentiunt. [illegible] [illegible] et in aliis [illegible] [illegible] operibus admirari [illegible] divina sapientia quod ista et alia [illegible] dat nobis [illegible] [illegible] [illegible] per ista [illegible] [illegible] [illegible] [illegible] [illegible] sensum sit [illegible] [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] [illegible] hoc [illegible] est in hoc [illegible] [illegible] [illegible]

## De gustu et eius sensu

Gustus [illegible] sensus [illegible] saporum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lingua [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lingua [illegible] [illegible] [illegible] est [illegible] porrosa [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] porrosa [illegible] [illegible] [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] [illegible] virtus [illegible] ad [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] si aliqua sicca et dura [illegible] [illegible] vel [illegible] [illegible] [illegible] lingue [illegible] [illegible] [illegible] [illegible] [illegible] et saporis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] saporem [illegible] qualitatem [illegible] [illegible] [illegible] gustus [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] lingue [illegible] et per [illegible] spiritus animalis ad linguam [illegible]. [illegible] ut gustus [illegible] lingua [illegible] porros [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] grossior est [illegible] aqua [illegible] [illegible] quia odoratus [illegible] est [illegible] [illegible] [illegible] sensibilitas [illegible] [illegible] [illegible] [illegible] constans. [illegible] sensus [illegible] [illegible] est ad [illegible] [illegible] [illegible] corrupto vel ablato [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] corrupti humores [illegible] [illegible] [illegible]

[illegible] qui non sentit saporum [illegible] propter [illegible]
[illegible] respondet [illegible] quisque
[illegible] sensum [illegible]
[illegible] potentia [illegible] sensus
[illegible] et sic de aliis
[illegible] corrupti [illegible] et corrumpit
[illegible] quia [illegible]
gustum [illegible] et in aliis [illegible]
[illegible] gustus aspera [illegible]
[illegible] propter [illegible] quia [illegible] dul
[illegible] dulcedo [illegible]
[illegible] est omnibus [illegible]
[illegible] et [illegible] [illegible]
[illegible] usque in dictis
[illegible] tactu et [illegible] sensu

Tactus est sensus [illegible] pro[illegible]
[illegible] nam [illegible] tactus [illegible]
[illegible]

[illegible]

Item [illegible] et [illegible] duplex
[illegible] de [illegible] [illegible]
[illegible] spiritus [illegible] non [illegible]
[illegible]
et [illegible] tangibilis [illegible]
[illegible] mediante spiritu [illegible]
[illegible] [illegible]
[illegible] organo tactus [illegible] et tangentia
organo tactus [illegible] approximatur
[illegible] et [illegible]
[illegible] spiritum
[illegible] et sic sensus [illegible]
[illegible] ut dicit constantinus
[illegible] alii sensus [illegible]
[illegible] et organum sue actioni [illegible]
[illegible] autem tactus est generale in
omnibus [illegible] corporis pellibus et [illegible]
ac [illegible] in quibus non est nervus
et [illegible] sensus. hic sensus [illegible]
magis est terrestris atque grossus, et ideo aspera
dura et [illegible] humor terrestris passionis
sensibus aliis [illegible] [illegible] ap-
[illegible] hic sensus quam aliis sensibus
[illegible] obiectorum [illegible] esse grossior sed
certo [illegible] animalis [illegible] [illegible] quia quamvis
alii sensus possint aliqualiter esse sine tactu
hic [illegible] et [illegible] esse sine tactu est im-
possibile ut dicit philosophus. [illegible] est tactus
[illegible] per omnes [illegible]
[illegible] et [illegible] aliis sensibus comparatur
[illegible] gustui [illegible] duo sensus scilicet gustus
et tactus [illegible] non [illegible] et ideo
[illegible] magis [illegible] et [illegible]
[illegible] et obiectis [illegible]
[illegible] duos quibus
sensus tactus et motus voluntarii [illegible]
[illegible] [illegible]
[illegible] autem [illegible] sensus [illegible]
[illegible] ex toto [illegible]
[illegible] voluntario [illegible] ut [illegible]

[illegible] et [illegible]
vocatur sicut in aliquo membro ob dolo-
rem [illegible] per aliqua oppilatione
vel nimia constrictione sicut [illegible] sensibi-
liter per membrum [illegible]
[illegible] et [illegible] complexione ut i-
[illegible] per [illegible] et [illegible]
[illegible] et patet [illegible]
[illegible] actus immutatur ut digitus in
nimio [illegible] in quibus motus
voluntatis [illegible] alia [illegible]
[illegible] non [illegible]
[illegible] membrum [illegible]
nihil [illegible] sentit membrum [illegible] in
corpore sicut aliquando [illegible] mortuum vel
putrefactum sensu tangibili [illegible]
Carere et sensus tactus [illegible] quia
profundatur in nervis sensibilibus [illegible]
vulneratur. Item cum dolor [illegible] fit [illegible]
motum [illegible] ex prima dissolutione
[illegible] dolorum nimio [illegible]
tactum et magis inficit corporis passione
et grave efficit immutationes. [illegible] sen-
satum immutatur fiat in organo [illegible]
[illegible] ut dicit Philosophus. Et pluries immutationes
facilius sensato tactus quam aliorum sensuum
grossior [illegible] est et [illegible] sensibus
et [illegible] immissiones [illegible]
Et quia tactus est sensus [illegible] primo [illegible]
adhaerens singulis partibus animalis ad [illegible]
[illegible] destructione tactus destruitur [illegible]
totius animalis non sic est de aliis sensibus
destructio [illegible] sensus visus alia virtute
animalis [illegible] destruitur [illegible]
[illegible] actionibus [illegible] destructio
tactus destruitur omnis sensus. Unde patet quod
sensus tactus est [illegible] omnium aliorum sen-
suum fundamentum. Et quod sensus alii singuli
singulis [illegible] et [illegible]

[illegible]

[illegible] proprietatibus et differentiis [illegible]
[illegible] iudicant et [illegible]
Et haec dicta de proprietatibus virtutum [illegible]
[illegible] sufficiant.

### De distinctione spiritus

Sicut ad regimen requiruntur sensus
et virtutes ita ad [illegible]
requiruntur [illegible] spiritus [illegible]
et motu [illegible] sensus et virtutes
in animalibus mediantibus [illegible] suas [illegible]
actiones. [illegible]
quaedam substantia subtilis aerea [illegible]
[illegible] ad suas [illegible]
sicut [illegible]
quaedam corporis subtile [illegible] calore [illegible]
[illegible]
[illegible]
[illegible]
[illegible] mediantibus [illegible]
[illegible]
[illegible]
[illegible]

[illegible] et [illegible] dam [illegible] [illegible]

[illegible]

Nam [illegible] ... [illegible] ... spiritus vitalis ... [illegible]

... nulla [illegible] actio perficitur in corpore ... [illegible]

... soluta [illegible] ... [illegible] ... sensus ... [illegible]

... in corpore [illegible] ... ut patet in [illegible] ... et [illegible] ... vitalis ... [illegible]

... [illegible] ... plane [illegible] ... [illegible] ... sufficiat [illegible] ad presens ... tractatu.

De pulsibus et eorum proprietatibus

[In margin: De pulsibus et eorum proprietatibus]

Quoniam pulsus ... [illegible] ... de pulsibus et eorum proprietatibus ... [illegible] ... pulsus [illegible] diastole et sistole ... [illegible] ... [illegible]

c transfrentia in sanguis caloris et
spus vitalis in pulsu quo movetur ex in
te[illegible] usque ad sui extremitates dillatat.
Et n[illegible] vero ex ab extremitatibus ad centrum
movetur constringitur et ideo in dillatatione
ad fluxum aeris [illegible] et constrictione ad
aeris fumosi expulsionem sit ergo pulsus. Ad
[illegible] aliter [illegible] sit pulsus, ut dispositio naturalis
vel spiritualis virtus intelligatur et eius opera
cognoscatur. hic itaque pulsus a corde
incipit per arterias et ad extremitates corporis
se diffundit [illegible] consistentia cordis et
eius actionum ordine. Solet autem a me-
dicis non in omnibus partibus sed in brachialibus
pulsus per arteriarum motus pulsus con-
venit inveniri. Et in inguinibus non possi-
bile discerni propter [illegible] a medicis illo
gantes. sed quibusdam autem propter medicis
[illegible] occultationem, sed quibusdam propter
ossium constructionem. Est ideo antiqui experti
ad discernendum pulsum arterias bra-
chii elligerunt, et hoc sit quoniam sunt facilis
honestius utilius, facilius quia carnosi partibus
arterias non occultant. Utilius quia brachii
alios arterie cordi magis approximant
honestius quia nec [illegible] nec medico aliquam
verecundiam [illegible] sicut [illegible]
[illegible] et verecundie [illegible] membra
[illegible] discernitur autem pulsus
[illegible] per digitorum appositionem super locum pul-
satilem [illegible] in medicorum positione
[illegible] in forti [illegible] quia in forti et
carnoso forcius in debili et carnibus [illegible]
[illegible] et leviori pressione sit [illegible] Ad
hoc sciendum est prout dicit constantinus
quod multa sunt pulsuum diversitates quarum
[illegible] ad decem referunt vel reducunt. Primo
attenditur secundum quantitatem dispensionis vel diminutionis
et hoc est [illegible] magnus secundum latitudinem longitudinem
et profunditatem arterie se diffendit et [illegible]
iste pulsus fortis et grossus ex fortitudine

[illegible] dillatatur pulsus et [illegible]
qui indiget refrigidatione [illegible]
in [illegible] dillatatione dicitur ma-
gnus [illegible] ad centrum
[illegible] est par-
[illegible] medioris [illegible]
et temperatus [illegible] extremitatibus
sit in [illegible] magis
et parvo [illegible]. Secundo consideratur [illegible] temporis
motus, et dicitur velox tardus et medius
velox dicitur quia [illegible] sepe
movetur et [illegible]
et [illegible]. Tardus [illegible]
spatium ad sui motus [illegible] et hoc
accidit ex [illegible]
zatione. Medius [illegible]
[illegible] consideratur [illegible]
[illegible] et [illegible] fortis [illegible]
et medius. Fortis est [illegible]
[illegible] dictum tangentem
et hoc accidit ex fortitudine [illegible]
[illegible] organi facilius ad movendum
Debilis est [illegible]
est ex debilitate virtutis [illegible] duritia or-
ganorum [illegible] Medius vero ab utroque
temperatus. Quarto attenditur secundum consistentiam
organi, et sic dicitur durus mollis et me-
dius. Durus est qui [illegible] quadam asperitate
et duritia [illegible] videtur et hoc
provenit ex [illegible] siccitate. Mollis
est qui digitis [illegible] suavitate sen-
titur [illegible]
et hoc provenit ex humiditate, mediocris inter
hos duos est temperatus. Quinto consideratur
[illegible] plenitudo [illegible] plenus est
qui quadam [illegible] videtur
et hoc provenit ex [illegible] sanguis [illegible]
[illegible]. Vacuus autem est [illegible]
[illegible] digitis

pr[illegible] medius ab his est temporis
[illegible] compositus [illegible]
[illegible] frigidu et medium
[illegible] pulsus
[illegible] et hec presens
[illegible] et calor
[illegible] intelligendum
est [illegible] ab hiis duobus temporibus
[illegible] et hec dicu
[illegible] et medium [illegible]
[illegible]
[illegible] et [illegible]
[illegible] fortitudo caloris et [illegible] virtutis
[illegible] caloris [illegible]
[illegible] non [illegible]
[illegible] in apprendo
[illegible] rarus est [illegible]
[illegible] caloris et fortitudo [illegible]
[illegible] est temporis [illegible]
[illegible] notabiles et [illegible]
[illegible] facilioris [illegible]
pulsus [illegible] laudabiles
et non laudabiles [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] magis
[illegible]
[illegible]
ad [illegible]
[illegible]
[illegible]

De varietate pulsuum

Variatur autem pulsus [illegible]
[illegible]
validitas [illegible]
pulsus [illegible]
et hec est [illegible]
[illegible]
[illegible] in masculo [illegible] pulsus
[illegible] faciunt pul-
sum fortiorem [illegible]
[illegible] atque
[illegible] et molli [illegible]
et spissus [illegible] atque durum [illegible]
diversificantur [illegible] dispositionem
[illegible] pulsus fortior
et [illegible] in masculis et hec forsitan
[illegible] et molli [illegible] occul-
tationem [illegible] maioris caloris naturalis
[illegible] comprehensionem
[illegible] calor pulsum efficit fortiorem
[illegible] diversificationis [illegible]
[illegible] pulsus ad [illegible] caloris
[illegible] in talibus plus habundat
[illegible] magnitudo caloris
et [illegible] ad [illegible]
[illegible] non sufficiat ut supradictum est. Iuvenes
autem [illegible] habundant in eis virtute pulsus
[illegible] et forte [illegible]
[illegible] et rarum et hec [illegible]
[illegible] appropinquat [illegible] non est
[illegible]
[illegible] hiis af-
[illegible] appropinquat pulsus
[illegible] et hec est [illegible] mascu-
lis [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] dilatationem
[illegible] et ideo pul-
sus [illegible] non sufficiat ut magis [illegible]

quia [illegible] est facit pulsum tardum et [illegible] multum fortem [illegible] Unde pueri [illegible] non [illegible] calor naturalis ad interiora refugit [illegible] vel breuis et pulsum efficit qui non [illegible] calor in extremitatibus utrique diffunditur. Item propter diuersas regionum et complexionum habitationes quia in calida regione commorantes ut in ethiopia pulsum habent velocem quia [illegible] habitantes ad frigidam [illegible] regionali pulsum habet mediocrem sicut in tempore veris [illegible] calidus frigidus uel siccus secundum tempora pulsum variatur et [illegible]. Item propter pregnationem. nam pregnantibus pulsus est instabilis quia in principio usque ad sextum mensem habent fortem spissum et velocem [illegible] calore augmentatur naturali et [illegible] usque ad hoc tempus est mediocris et [illegible] ad hoc [illegible] ab corpore [illegible] pulsus est adhuc [illegible] mense [illegible] pregnantes [illegible] et non grauatur et propter hoc pulsus debilitatur. Item propter sompnum et vigilias alterationem quia tempore sompni paruus est [illegible] et tardus sed post sompnum fit fortis et magnus quia tunc calor non efficitur verum tamen si sompnus nimis prolongatur pulsus rarescit et debilitatur [illegible] si quis a sompno subito excitatur [illegible] et pulsus velox spissus [illegible] subito [illegible]. Item propter laborem et exercitationem quia si fuerit temperata pulsus facit fortem et magnum velocem et spissum quia calor naturalis [illegible] exercitium [illegible] pulsus [illegible] tardus et rarus quia in [illegible] laborantibus [illegible] calor

[illegible] debilitatur et pulsus [illegible] propter balneorum passiones [illegible] in aqua calida [illegible] balneantibus [illegible] pulsum habent fortem [illegible] et spissum [illegible] propter [illegible] superfluitatem [illegible] in aqua pulsus [illegible] velocitas et spissitudo [illegible] balneantibus in aqua frigida temperata pulsum habent fortem et velocem [illegible] propter caloris naturalis [illegible] balneo pulsum debilitat [illegible] propter frigiditatem ad interiora [illegible] obstaculo [illegible]. Item propter cibum et potum [illegible] sumptionem [illegible] pulsus debilitatur [illegible] pulsus [illegible] fortis magnus et velox [illegible]. Item propter passiones [illegible] pulsus fiunt [illegible] fortis et spissus [illegible]

Explicit liber tertius. Incipit quartus de proprietatibus humani corporis et partium eius.

De humani itaque corporis et [illegible] eius proprietatibus tractaturi et ab [illegible] [illegible]

[illegible] elementis

## De [illegible] elementis

Quatuor itaque [illegible] elementa [illegible] [illegible] qualitates [illegible] est [illegible] [illegible] et [illegible] [illegible] nobilissima et nobilissime [illegible] ut [illegible] [illegible] naturalibus [illegible] depurandi. Est itaque corpus [illegible] terra aqua [illegible] quodlibet [illegible] caliditas frigiditas siccitas et humiditas [illegible] et [illegible] duas scilicet caliditas et frigiditas. Alie [illegible] passive scilicet siccitas et humiditas [illegible] qualitatem [illegible] et [illegible] [illegible] vel [illegible]. Nam caliditas [illegible] humiditatem [illegible] siccitatem [illegible] et [illegible] ut [illegible] in carne salsa calor [illegible] dissolvit in aquositatem et [illegible] calor [illegible] calor agens [illegible] dissolvit et dissoluta [illegible] ad [illegible] caloris [illegible].

## Capitulum de caliditate

Caliditas [illegible] est [illegible] [illegible] dissolvit [illegible] que per partes [illegible] caliditas [illegible]

[illegible] est [illegible] elementaris [illegible] et est [illegible] corruptio et consumptio [illegible] motu a centro ad circumferentiam dissolvit [illegible] et aquam in aerem [illegible] inferiora et media [illegible] ad superiora [illegible] mollia [illegible] dissolvuntur mollificat [illegible] calore [illegible] dissolvuntur [illegible] in aqua [illegible] mollius et [illegible] ut patet in ovo [illegible] corporibus et subtilioribus dissolvit et [illegible] partibus remanentibus [illegible] subtiliata dura [illegible] motu a centro ad circumferentiam [illegible] in quam agit dissolvit et [illegible] reddit [illegible] ad simplicitatem reducuntur laborat [illegible] subtiliat. Nam simplicitas grossitiem subtilitas est [illegible] ibi [illegible] partium [illegible] ut patet in glacie que calore soluta subtiliatur.

Est virtute sua est depuratio metallorum et rubiginis eorum consumptio. Nam agens in [illegible] metalli [illegible] dissolveret [illegible] et rubiginem [illegible] vel [illegible] aurum [illegible] caloris quod dissolvitur [illegible] non consumit [illegible] aurum [illegible] depurari [illegible] per calorem dissolvatur non tamen in suo pondere minuitur. [illegible] est [illegible] ut est [illegible] calor plus dissolvit [illegible] et corrumpit ut patet in [illegible] aqua [illegible] ubi [illegible] calor aquam dissolvit in fumositatem [illegible] et [illegible].

remollit et putrefacit ac corrumpit. Est
enim et gravium alteratiua dum eorum humidi-
tas per calorem resoluta, eorum pondus
minoratur. Sed et alteratiua, scilicet cruda alte-
rantur in humiditate, fumus generatur, quia fumi
alterat et depurat et in formam [illegible] subleva-
uerit quia in aerem mutatur et ex eius con-
gerie reddit [illegible] et [illegible]
materialium [illegible] in partibus [illegible]
[illegible] per calorem et spiritum [illegible]
[illegible] in [illegible] in [illegible]
corpora [illegible] post [illegible]
quod [illegible] per calorem [illegible] eius [illegible]
[illegible] est [illegible]
in [illegible] subtiliores et leuiores partes
consumuntur et remanentibus grossioribus
fit compactio, et per hoc [illegible] per porros
et apertionem ex [illegible] calidus fit spiritus et
euaporatio ex qua [illegible] corporibus [illegible]
quibus euaporat per ipsorum [illegible]
[illegible] calitas est coloris rubei generatiua
[illegible] in [illegible] pertinet [illegible] resoluit
in aquosas et illas in aereas et [illegible]
[illegible] ex [illegible] igneitatem aptitudinem
[illegible] et superhabundans calor igneus fit ru-
beus generatur sicut videtur est in rosa. [illegible]
[illegible] per calorem [illegible] humores in [illegible] generatur
ex [illegible] diffusione per [illegible] superficiem rubeus
color generatur. Sed [illegible] est dissolo-
ratiua quae per [illegible] porros aperit [illegible]
[illegible] humores et spiritus euanescunt, ut
[illegible] suberat colorat [illegible] color dissolutus generatur sicut est videre de terra
rubea quae ex fumo sulfuris alba fit. [illegible]
[illegible] est mortificatiua
quia dum ultra [illegible] caloris agit in [illegible]
[illegible] ad ultimum dissoluit [illegible]
destruit et consumit. Sed [illegible] est [illegible]

[illegible] per [illegible] plano motu [illegible]
fit spiritus [illegible] restaurat et [illegible]
membrorum fit aptitudo ad [illegible] et
per hoc corpus [illegible] [illegible]
[illegible] [illegible] est alterna-
[illegible] et [illegible]
fiunt mobilia et mota [illegible] motu
[illegible] et sui ipsius multiplicatiua [illegible]
[illegible] et illorum in quorum substantiam agit in
sua specie transformatiua [illegible]
[illegible] et destruit [illegible]
renouatiua ut patet in [illegible]
[illegible] naturali [illegible] [illegible]
[illegible] [illegible] ad super-
[illegible] et attractiua superfluitatis [illegible]
et [illegible] purgatiua in [illegible]
[illegible] [illegible] effectiuum [illegible]
[illegible] in [illegible] et re-
mollificatiua [illegible] et [illegible]
[illegible] et induratiua [illegible]
et [illegible] et saluatiua est [illegible]
corruptiua [illegible] et [illegible]
in dulcia et est [illegible] et in [illegible]
per nimiam [illegible] et [illegible]
[illegible] in amara et salsa. [illegible]
calor [illegible] sanguis [illegible] sanguis in
[illegible] et per [illegible] in [illegible]
transmutatur. Est et calor [illegible]
et [illegible] maturatiua et [illegible]
in fructibus [illegible] in [illegible]
[illegible] maturescunt [illegible]
in [illegible] et [illegible] dulcescunt. Est et [illegible]
et [illegible] in [illegible]
ad [illegible] in [illegible]
[illegible] per [illegible] et [illegible] et [illegible]
[illegible] et lapidibus [illegible] et [illegible]
nobiliorem [illegible] per calorem et dissolu-
[illegible] et [illegible] in [illegible]

[illegible]

Capitulum de fugiditate

F[illegible]

[illegible]

pficit in ipo p [illegible]

[illegible] nale [illegible]

[illegible]

[illegible] poros [illegible]

[illegible]

[illegible] ad

[illegible] partes

[illegible] hūiditat

[illegible]

[illegible] ad contrariu sit quis

[illegible] ad contrariu sit nalr

[illegible] dissoluta est

partiu et distinctiu [illegible]

[illegible] hūidi-

[illegible] dissolbitur

[illegible] disparitur

[illegible]

fit nalr est ingrossata qdu p actio-

ne fiditat [illegible]

totu grossius efficit [illegible]

p fugiditate [illegible] aere

in aqueis et aqueu in terrestre et sic

tota grossior efficit. Est tn fugiditas

accidentalr [illegible] con-

[illegible] fit hūiditat [illegible] eductio

que hūiditate [illegible] in poris [illegible] in-

grossabat. Ex hac pelle hūiditatis

fit eductio [illegible] sub-

tiliatio sicut pz in pelle tota et [illegible]

[illegible] et ex [illegible]

[illegible] evacuatione spiritus

fit fugiditas nalr [illegible] acci-

dentaler [illegible] ductior

hūiditat [illegible]

[illegible] fit [illegible] fugiditas est

temperata [illegible] et [illegible] p[er] dictis
[illegible] a principio [illegible] et
[illegible] humiditas p[er] [illegible]
[illegible] est resoluta [illegible]
[illegible] calor et dissoluat [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
vapores putridi [illegible] ad in-
teriora [illegible]
est corruptiua et destructiua [illegible]
[illegible] tandem calores
naturalis [illegible]
[illegible]
humores corporis [illegible]
in [illegible]
poros [illegible]
[illegible] remouetur et [illegible]
[illegible] putrefactiui. [illegible] naturale est de [illegible]
radia sic videmus quod veniente calore [illegible]
fugientis sanguinis humorum et spirituum ad
[illegible] reducit et sic [illegible]
[illegible] superficie calore de paupertate [illegible]
[illegible] facit ut patet in labiis et [illegible] genis.
[illegible] accidentale est coloratio que per [illegible]
fit pororum apertio et [illegible] ac humorum
attractio [illegible] fit [illegible] superficiale
coloratio. Item [illegible] est natu-
[illegible] mortificatiua quia [illegible] fit [illegible]
in [illegible] spiritus [illegible] et sic [illegible] mor-
tificato a quo [illegible] aliorum [illegible]
[illegible] et illorum [illegible] mortificatio
[illegible] et [illegible] calor debilis [illegible]
tingitur et sic [illegible]
[illegible]
sic est videre in [illegible]
[illegible]

[illegible]

[illegible] regionis celus ad [illegible]
[illegible] [illegible] cum autem [illegible]
et in suis scriptis posteris reliquerunt
[illegible] [illegible] dictum sit
[illegible] ad [illegible] [illegible] corporis
[illegible] superius [illegible]

Capitulum de siccitate

Siccitas est qualitas elementaris passiva
qualitas qua [illegible] caliditas nec
[illegible] plus in se habet ad calorem
[illegible] siccitas luna sit caloris.
[illegible] autem siccitas [illegible] sive [illegible] humor
[illegible] humor et siccitas [illegible] cuius effectus
[illegible] sicut humiditatis est humi-
[illegible] [illegible] effectus est [illegible]
sicut est [illegible] [illegible] motum [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] illa [illegible] [illegible] partes
[illegible] a [illegible] ad [illegible] [illegible]
et [illegible] [illegible] flexibilitatem [illegible]
[illegible] humidi [illegible] [illegible] se op-
[illegible] [illegible] quod in [illegible] maris
[illegible] siccitas [illegible] maris [illegible]
[illegible] [illegible] [illegible] siccitas [illegible]
maris [illegible] [illegible] non [illegible]
[illegible] [illegible] [illegible] ibi [illegible]
posuit mari [illegible] et [illegible]
[illegible] [illegible] ibi posuit [illegible]
[illegible] mari [illegible] [illegible]
[illegible]. Siccitas quod non [illegible] [illegible]
[illegible] est [illegible] humiditate [illegible]
[illegible] [illegible] et sic [illegible]
[illegible] [illegible] [illegible]
[illegible] ad [illegible] [illegible] flexibilitatem [illegible]
est in parte vel totaliter in [illegible]
[illegible] est [illegible] siccitas humiditatem [illegible]
[illegible] in [illegible] [illegible] [illegible]
esse [illegible] [illegible] [illegible]
[illegible] caloris [illegible] et [illegible] caloris [illegible]

[illegible] actu [illegible] dissolvit actualiter
vel potentiale qua [illegible] humiditatem
Cum [illegible] dissoluta et diffusa per [illegible]
[illegible] humiditate erat [illegible] siccitas
et [illegible] durat et quod habet motum ad intra
[illegible] coagitur et constringitur et sic per con-
strictionem [illegible] humiditatis [illegible] per [illegible]
diffusa fuit. Unde videmus [illegible] humiditatem
quod [illegible] siccum fuit et sic [illegible] videmus
quod in montibus siccissimis herbas [illegible]
humidas provenire sicut est herba que dicitur
[illegible] [illegible] [illegible]
[illegible] est [illegible] siccitas que naturaliter in-
tendit [illegible] in sua siccitate
et hoc [illegible] per siccum [illegible] attra-
ctiva ad sui [illegible] siccum
humidum non abhorret et fugiens tamquam
suum [illegible] repellit usque ad radices
herbarum que in superficie montis tamquam super-
flue ab inferiori [illegible] [illegible]
[illegible] humorem sic [illegible] radices att-
[illegible] et [illegible] [illegible] herbe hu-
mide et grasse [illegible] radicum [illegible] ratio
[illegible] [illegible] libro [illegible] ubi dicit
quod fontes et flumina nascuntur de montibus
quia non sunt montes [illegible] et spon-
giosi et pleni [illegible] [illegible] magna
[illegible] a montibus [illegible] et [illegible]
[illegible] [illegible] aeris [illegible]. Quod igitur
[illegible] [illegible] in siccitate sibi incor-
porata [illegible] dissolvi est ut potest in hu-
miditate repellat et congregat in unum locum
quod tandem expellit et foras per capitula [illegible]
[illegible] ad flumina [illegible] continue [illegible]
Siccitas [illegible] est attractiva sibi [illegible]
et sibi [illegible] est incorporativa
superfluorum [illegible] sibi [illegible] expulsiva
Siccitas est naturaliter attenuativa [illegible] sic-
citas dum durat consumit humiditatem quam

[illegible] in [illegible] quia [illegible] ex
[illegible] est [illegible] induratione
[illegible] humiditate in [illegible]
[illegible] sic [illegible]
[illegible] dura [illegible] siccitate [illegible]
[illegible] et [illegible]
[illegible] actio [illegible]
per [illegible] et [illegible]
et [illegible] potest [illegible]
[illegible] humiditate
[illegible] partium est [illegible]
partium separatio et [illegible] sicut est
videre in ligno [illegible]
per siccitatem [illegible] reddit et
pulverem [illegible]
sed naturale est [illegible] in [illegible]
[illegible] humiditate quia [illegible]
superficie et quia non potest [illegible]
et ita inducit quandam in superficie [illegible]
ex [illegible] duritie [illegible]
ex qua fit asperitas que nihil aliud est
quam inequalitas [illegible] duricie corporis [illegible]
[illegible] sicut [illegible] ex siccitate
[illegible] calor qui suo [illegible]
humores qui dissolvuntur et per aliquam [illegible]
[illegible] et [illegible]
[illegible] siccitas est [illegible]
per siccitatem [illegible] partes et [illegible]
in terrestres [illegible] et [illegible]
[illegible] et gravior et tardior est ad
motum per [illegible] siccitatem [illegible]
[illegible] corpus [illegible]
[illegible] duratione [illegible] per siccitatem [illegible]
[illegible] siccitas [illegible]
[illegible] motus [illegible]
[illegible] siccitas [illegible]
[illegible]
[illegible] et [illegible] et [illegible]
[illegible]
[illegible]

[illegible] mobili [illegible]
[illegible] humidas [illegible]
[illegible] et [illegible] corp[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et [illegible] naturale
est [illegible] humiditatem [illegible]
quo naturale [illegible]
[illegible]
[illegible] quando [illegible]
et [illegible]
[illegible] naturale [illegible]
[illegible] humido dissolvit [illegible]
[illegible]
[illegible]
et [illegible]
[illegible] humores [illegible]
[illegible] et [illegible]
[illegible]
[illegible] vel [illegible]
[illegible] humores [illegible]
[illegible]
[illegible] siccitas fit [illegible]
[illegible] humide [illegible]
[illegible]
[illegible] ex siccitate [illegible]
[illegible] qualitas et passio [illegible]
[illegible] in corporibus [illegible]
solet in corporibus [illegible]
[illegible]
[illegible] potest [illegible]
per [illegible]
[illegible] superficie [illegible] et [illegible]
[illegible] superficiali [illegible]
[illegible]
[illegible] et [illegible]
[illegible] et [illegible]
et [illegible] in [illegible] superficie [illegible]
[illegible] siccitas [illegible] sufficiant.

[illegible] humiditate

Humiditas est elementaris passiua
qualitas actiua qualitati [illegible] pressio
modo suscepta h[illegible] et solida actione
caloris et sic suscep[illegible] dicitur humiditas omnium
[illegible] mixtorum [illegible] conservativa et
[illegible] in [illegible] [illegible] Na humor et
calor omnia generant ut dicit philosophus et generata nu-
triunt sicut est videre in radicibus et seminibus
Na generans hoc communis ope [illegible] profundi hu-
[illegible] et per inclusionem naturalem calo-
rem [illegible] est [illegible] actor caloris humiditas
[illegible] sui parti et [illegible] [illegible]
[illegible] quia quod [illegible] in [illegible]
[illegible] recipit et calore incluso [illegible]
et in radice [illegible] recipit per commixtionem
humid[illegible] et [illegible] humiditas sicut illa ra-
dicalis [illegible] in radice sic [illegible]
[illegible] que [illegible] in terra sibi [illegible]
[illegible] [illegible] et [illegible] attractiua [illegible]
[illegible] humoris sibi [illegible] et [illegible]
[illegible] in sui nutrimentum [illegible]
[illegible] sibi non est [illegible] per calorem
[illegible] humiditas dissoluentis et [illegible]
[illegible] [illegible] et [illegible] in [illegible]
[illegible] in [illegible] [illegible] in [illegible]
flores [illegible] et frondes sic transmissa
[illegible] et [illegible] humiditas
[illegible] [illegible] [illegible] est
et [illegible] est [illegible]
[illegible] et per sui diffusionem
et [illegible] in latum et in longum in
altum et in [illegible] [illegible] humiditas
in corporibus [illegible] et [illegible] est
restauratiua [illegible] calore agente [illegible]
[illegible] et [illegible] corpora [illegible]
et [illegible] nisi per restaurationem humidi
[illegible] et [illegible] quod humiditas
[illegible] restauratio deperdit[illegible]

et per [illegible] [illegible] est [illegible] humiditas
[illegible] [illegible] radium
[illegible] in aere et in terra [illegible]
caloris [illegible] et [illegible] [illegible]
inflammaret et [illegible]
[illegible] nisi [illegible] caloris [illegible] per [illegible]
et [illegible] humiditas actione [illegible] pro-
portione debita ad tempus durat et
[illegible] ut dicit [illegible] opponitur [illegible]
caloris [illegible] et per humoris
[illegible] calor [illegible] violentia
[illegible] [illegible] machina [illegible]
debito [illegible] calore [illegible]
[illegible] est [illegible] est [illegible]
[illegible] [illegible] [illegible] [illegible]
humiditas aque non humiditati [illegible] et
[illegible] ab alia dissoluitur et [illegible] [illegible]
montibus spongiosis et terram [illegible]
in multis locis et [illegible] ut sic [illegible]
[illegible] aeris et aqua [illegible] attractio
adunare [illegible] [illegible] partium
[illegible] [illegible] [illegible]
[illegible] per venas in corpore [illegible]
[illegible] in [illegible] terre [illegible]
terre [illegible] et [illegible] et [illegible]
ad [illegible] humiditas quasdam [illegible]
[illegible] et [illegible] et [illegible]
vero [illegible] et quodammodo [illegible]
et alia [illegible] humiditas [illegible]
et flexibile [illegible] [illegible]
[illegible] termino [illegible] ut dicit philosophus [illegible]
[illegible] ad [illegible] est [illegible]
[illegible] [illegible] [illegible] [illegible]
dissoluitur [illegible] non [illegible] [illegible]
flexibilitatem per [illegible] partium ad
[illegible] [illegible] [illegible] [illegible]
maioris [illegible] [illegible] maris [illegible]
[illegible] a [illegible] [illegible] et [illegible]
[illegible] [illegible] est [illegible] partes
[illegible] [illegible] et [illegible] per [illegible] [illegible]

[illegible] ad [illegible] et [illegible]
[illegible] in [illegible]
[illegible] esset [illegible] sensu [illegible]
et [illegible] sufficiens [illegible] morte
[illegible] galienus in [illegible]
[illegible] repentinas [illegible] provocat
[illegible] apoplexia forte [illegible] est [illegible]
[illegible] flatura [illegible] humiditas [illegible]
[illegible] tota [illegible] opillat
[illegible] non [illegible] spiritus animal
ad inferiora [illegible] et
[illegible] huiusmodi [illegible]
in [illegible] in [illegible] et [illegible] alii
[illegible] ab exteriora a
[illegible] fit a mala [illegible]
[illegible] huiusmodi radicat in membris et [illegible]
a calore [illegible] et [illegible] a
sua [illegible] Talis [illegible] huiusmodi
in [illegible] diversas inducunt
[illegible] ut [illegible] in [illegible]
[illegible] et [illegible] ex mala
[illegible] alias [illegible] a [illegible]
[illegible] Johannicio et
[illegible] non naturales [illegible]
[illegible] cibus et potus, sompnus [illegible]
[illegible] et [illegible] atque [illegible]
et accidentia [illegible] si fuerint [illegible]
[illegible] generant
et [illegible] et [illegible] et [illegible]
[illegible] assumpta fuerint [illegible]
[illegible] huiusmodi [illegible] generant et [illegible]
[illegible] aut [illegible]
et [illegible] Galienus
[illegible] morbos [illegible]
[illegible] in amphorismis
[illegible] Tempora [illegible]
[illegible] mutantur [illegible]
[illegible] temporibus [illegible]
[illegible] in [illegible]
[illegible] et humida [illegible]

[illegible] et [illegible] et [illegible]
[illegible] alys. [illegible] si fuit aer [illegible]
[illegible] et [illegible] aer [illegible]
[illegible] et [illegible]
[illegible] in [illegible]
[illegible] aer [illegible] et [illegible]
[illegible] quia assignat [illegible]
[illegible] huiusmodi
in [illegible] et [illegible]
Aer [illegible] in [illegible] si fuit frigidus
et siccus claudit poros et [illegible]
[illegible] calor [illegible]
[illegible] in [illegible] et
[illegible] calor [illegible] et non posset [illegible]
[illegible] digeri [illegible] ex toto [illegible]
[illegible] ad superiora
membra [illegible] ad inferiora, sic [illegible]
[illegible] passionum, ut si ascenderit ad caput
[illegible] et [illegible], si vero ad
[illegible] et fuit [illegible] saltem mordicando
intestina inducunt dissinteriam et sic de
alys [illegible] ab [illegible] in [illegible]
[illegible] huiusmodi illa [illegible] ad [illegible]
[illegible] et [illegible]
ac relaxatio est [illegible], alia [illegible]
[illegible] assignat [illegible] et sic de alys pas
sionibus et [illegible] et [illegible] intelligendum
est quod [illegible] huius qualitatis vel caloris
[illegible] nimis dissolvens, sive nimis
[illegible] sive calore [illegible] superflui
tatis [illegible], et sic intel
ligendum est de aere nimis [illegible] poros
claudente humores [illegible]
[illegible] de aere [illegible] vel [illegible] ad [illegible]
[illegible] sufficiant.
De cibo vario et potu capitulum

De cibo vario et potu [illegible]
[illegible] cibo [illegible]
huiusmodi [illegible] et calor in [illegible]

De cibo vario et potu capitulum

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
et provenit ex [illegible]
[illegible]
vel aliam [illegible]
et induit [illegible]
sibilem illa [illegible]
et sic [illegible]
[illegible] penetrans [illegible]
[illegible] atque ledit [illegible]
et totius [illegible] et [illegible]
[illegible] et [illegible]
[illegible] et voluntarium [illegible]
[illegible] destruit ut patet in tremore [illegible]
[illegible] Nam virtus corporis [illegible]
[illegible] prohibet [illegible]
et [illegible] et [illegible]
[illegible] et [illegible]
[illegible]
[illegible] et [illegible]
[illegible]
[illegible]
et [illegible]
[illegible] vel [illegible] in talibus [illegible] Et [illegible]
[illegible] est [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et [illegible]

[illegible]
[illegible]

De diffinitione et descriptione humorum et corporum [illegible] vel [illegible]

[illegible]

[illegible] vel natalibus

[illegible] constat qualitate. Sed aliud
[illegible] sanguis flegma colera et mala
[illegible] qui quidem in membris dicuntur
simplices [illegible] et elementis [illegible] quorum
filii sunt composita [illegible]. ¶ Sed [illegible] huius
modi in quantitate et [illegible] equalitatem
proportione debita observantibus [illegible] corpus
[illegible] humana perficitur et nutritur ac
custoditur in debita consistentia sanitatis.
Sicut [illegible] ex eorum inequalitate sive su-
perfluitate [illegible] generantur et inducuntur
[illegible] quia humores sunt necessarii ad cor-
poris conservationem [illegible] regimen et
[illegible] ad continua deperditorum
restaurationem. Sic dicit Galienus super am-
phorismos. Corpus enim [illegible] fluun-
tur [illegible] in sudoribus et in [illegible] et in [illegible]
[illegible] alteratione [illegible] in [illegible]
Et ex corruptione que ex fluxu [illegible]
[illegible] et ab alteratione [illegible]
[illegible] in [illegible] reparatur et bona
alteratio mala in bona transmutatur et
per quas corruptio aliqua [illegible]. [illegible]
[illegible] humores [illegible] ut corpus animale in
vigore ipsius [illegible] sunt.
[illegible] humores quarto [illegible] tempo-
re [illegible] decoctionis [illegible] in stomacho.
subtilior eius pars et liquidior [illegible] a [illegible]
[illegible] vocatur [illegible] venas
ad epar trahitur et ibi per caloris naturalis
actionem in quatuor humores transmutatur [illegible]
quatuor in epate [illegible] si non simul
[illegible] coloris [illegible] est
et humidum in massam sanguinis transit. Quod
[illegible] et [illegible] humidum
est in massam sanguinis transit. [illegible] subtile
est et [illegible] in naturam colere convertitur. Quod
[illegible] est [illegible] in substantiam malencolie
[illegible] est [illegible]

[illegible] quantitatem flegma [illegible]
[illegible] sanguis cuius decoctio est perfecta. Secundo co-
lera cuius decoctio [illegible] ex colle-
[illegible] malencolia [illegible]
[illegible] et aliorum [illegible] est [illegible]
talis est ordo ut dicit [illegible] generationem
[illegible] quarto [illegible]
[illegible] et [illegible] humorem [illegible]
quedam est [illegible] a flegmate
[illegible] per decoctionem fit sanguis. [illegible]
[illegible] sanguis fit colera [illegible]
[illegible] humor [illegible]
[illegible] per adustionem et colera fit
malencolia [illegible]. Sed enim accidit
in generatione humorum sicut in generatione vini
[illegible] ut dicit Constantinus. Nam [illegible]
[illegible] quedam spuma superficiem
[illegible] quedam substantia terrea ad fundum
descendens. Et alia est aquosa [illegible]
[illegible] in substantia est magis [illegible] et
[illegible] magis antiquatur
tanto magis fit [illegible] propter [illegible]
[illegible]. Sic est [illegible] puritas
[illegible] est [illegible] sic in humoribus
est pars [illegible] sua scilicet superior [illegible]
scilicet colera. Alia velut fex descendens
[illegible] scilicet malencolia. Alia non in [illegible]
[illegible] scilicet flegma. Sed non est sanguis in
sua puritate permanens a ceteris humoribus
[illegible] sanguis est ita purus
[illegible] aliis sit admixtus. Unde ex corpore [illegible]
[illegible] et colore. Nam per admixtionem
[illegible] appareat ruffus a malencolia
[illegible] a flegmate aquosus et spumosus.

De sanguine et eius effectibus

Sanguis ut dicit Ysy. a greco nomen
sumpsit eo quod sustentetur vigoret et vivat
[illegible]. Nam [illegible] maxime
est. [illegible] sanguis dicitur est in [illegible]
[illegible]

Ca. de sanguine [illegible]

Alius [illegible] sanguis [illegible] in qua [illegible]
[illegible] est sang[illegible]
[illegible] in [illegible] na
[illegible] sanguis [illegible] Aut et
in [illegible] est ex [illegible] sang
[illegible] sang [illegible] est [illegible]
[illegible] intus [illegible] purpur
[illegible] est [illegible] et purpureus [illegible]
stes et purpureus flores ponit super
mortuos [illegible] in sue
[illegible]
[illegible] Sanguis aut [illegible] consistens [illegible]
[illegible] laudabilis et [illegible] amicabilior
pp [illegible] equalis et pfecta [illegible] qua
[illegible] calor [illegible] et [illegible] et a
[illegible] ad [illegible] est de sang
[illegible] constans alius [illegible] alius [illegible]
[illegible] aut alius est [illegible] in [illegible]
in venis. Qui vero est [illegible] calidior
est et subtilior rubeidior clarior et in
sapore dulcis. Alio [illegible] sang arterialis et
in sapore est aut calidior pp [illegible]
spus vicinitatem. subtilior est pp calore [illegible]
ante et caritatem et [illegible] in [illegible] et p [illegible]
[illegible] arteriar [illegible] possit [illegible]
[illegible] clarior est [illegible] pp [illegible]
in ipso clarior est et pp augmentum
caloris. Sanguis vero in [illegible]
calidus est et [illegible] et subtilis
[illegible] in sapore est [illegible] dulcis [illegible]
malo [illegible] odore [illegible]
[illegible] Sanguis [illegible]
designat [illegible] subtilis
aquosus [illegible] dulcis a
[illegible] est
[illegible] in sang [illegible] quia
[illegible] vel [illegible] est [illegible]
[illegible] corrupt [illegible]
[illegible] pp [illegible]
[illegible] medici
[illegible] vel [illegible]

[illegible] sang [illegible]
[illegible]
in [illegible] Alius [illegible]
[illegible]
[illegible] sang [illegible]
[illegible] sanguis [illegible]
[illegible] sang [illegible]
[illegible] sanguis [illegible] vena [illegible]
vel corrupta [illegible] dispositio
est sanguis [illegible]
[illegible]
[illegible] corporis [illegible]
[illegible] sang [illegible]
[illegible] corpus [illegible]
[illegible]
[illegible] sanguis [illegible]
[illegible] sang [illegible]
[illegible] sanguis [illegible]
[illegible]
sanguis [illegible]
[illegible]
[illegible] sang [illegible]
[illegible]
[illegible]
[illegible]
[illegible] sanguis
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] sanguis
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]ibus corruptus putrescat sanguis
[illegible] medio nisi reducatur arte sicut ita vero
[illegible] et in [illegible] generatur [illegible]
[illegible] item [illegible] bene fuit
[illegible] sang [illegible] sanguis est [illegible]
[illegible] item et sanguis [illegible]
[illegible] quod et [illegible] sang [illegible] p
illud quod [illegible] sang ut in [illegible] et [illegible]
[illegible] et sang et lac [illegible]
et fit sibi [illegible] propter quod [illegible]
[illegible] malencoli et male
dispositio [illegible] et fit [illegible]
[illegible] et [illegible] sang
[illegible] clarus et bonus erit [illegible]
[illegible] et si malus erit corpus [illegible]
et sang [illegible] coagulatur cito propter [illegible]
[illegible] sang subtilis [illegible]
[illegible] sensu
sang [illegible] subtilis et calidus [illegible]
[illegible] intellectu [illegible] est [illegible]
[illegible] sang est [illegible] animalis
[illegible] sang et propter hoc [illegible] sang et
[illegible] non [illegible] nisi [illegible]
et sanguis [illegible] coagulat et [illegible]
sang [illegible] sang [illegible]
coagulatur [illegible] et [illegible]
et sibi [illegible] sanguis non coagulatur
[illegible] sanguis [illegible] dicitur in [illegible]
[illegible] est coagulatus et [illegible] et hoc
[illegible] aut
[illegible] unde dicit [illegible]
pho [illegible] sang [illegible] dicit
li 13 sang in parte [illegible] sinistra
et ideo propter [illegible] illa [illegible]
[illegible] operatur et [illegible]
[illegible] sinistra unde dicit [illegible]
[illegible] sinistra et [illegible]
[illegible]
[illegible] pre-
[illegible] calidus sanguis qui [illegible]
[illegible] operatur [illegible] dicit

[illegible] et [illegible] cordis et [illegible]
unde et cor [illegible] est ad sang [illegible]
[illegible] et [illegible] ad [illegible] diligentius
custodiendum et in nullo membro est sanguis
[illegible] nisi in corde [illegible]
[illegible] per quasdam venas ad alia loca corporis
et [illegible] aliud sanguis ad cor quod
fons est et [illegible] sanguis et membrum [illegible]
[illegible] sang. Et hoc manifestatur ex ano-
thomia et non [illegible] q[illegible] [illegible]
atio apparet sanguinea unde [illegible] cor
est [illegible] sanguis [illegible] et ideo in medio
positum ut [illegible] tamquam [illegible]
[illegible] ad omnia alia membra unde dicitur quod
cor est medium totius animalis a quo [illegible]
motus sensus et vita totius animalis et ideo
cor [illegible] in [illegible] sang [illegible]
[illegible] sanguis est non [illegible]. Hec omnia [illegible] dicit
[illegible] in li 23 [illegible] sang [illegible]
est scriptum in libris medicorum [illegible] et ista
[illegible] nihil ad nos spectat [illegible]
[illegible] nobis [illegible] quod ad [illegible]

[illegible] auctores [illegible] et
colligitur quod sanguis naturalis et purus est calidus
et [illegible] subtilis dulcis [illegible]
naturalis [illegible] et [illegible]
[illegible] et [illegible]
[illegible] cordis et spiritus [illegible]
[illegible] amoris [illegible] divisione
[illegible] temporis
sanitatis [illegible] corruptionis
[illegible] ut [illegible] in [illegible] sang [illegible]
[illegible] alius [illegible]
[illegible] est [illegible] sua virtute
dolores [illegible] unde dicit Con-
stant [illegible] sanguis [illegible] vel [illegible]
[illegible] calidus [illegible]
[illegible] calidus [illegible] est
[illegible] et [illegible] dicit [illegible]
[illegible] et [illegible]

Item de aliis proprietatibus sanguinis

Sed dubitatur quando sanguis minuitur
[illegible] superfluitas. Nam quando [illegible] dispositio-
ne est curabilior et utilior tale corru-
ptio [illegible] nocivior et gravior [illegible]
[illegible] passiones. Nam aliorum humo-
rum [illegible] sanguini admixta [illegible]
[illegible] non [illegible] subito manifestat
[illegible] ab [illegible] solum [illegible]
[illegible] malicia non [illegible]
[illegible] ut patet in febribus et aliis [illegible]
in quibus colera rubea vel adusta sanguini
mixta non [illegible] vel [illegible]
manifestat. Ut dicit Galienus super [illegible]
si sanguis fuit [illegible] superfluus [illegible]
[illegible] in hominibus generat passiones [illegible]
vel medicine [illegible] ut patet
in sanguine menstruali quod propter habundantiam
humiditatis et caloris indigentiam in mulieribus
[illegible] si ultra debitum retinet [illegible]
causa est et [illegible] passionum [illegible]
[illegible] quam [illegible] suffocationes [illegible]
[illegible] sive maniacas passiones.
Prout iste sanguis corruptus [illegible]
[illegible] ad [illegible] transfunditur corporis
[illegible] in libro passionarii Galieni
expressius [illegible]. Unde quod talem [illegible]
[illegible] est talis corruptio [illegible]
[illegible] propter [illegible]
sanguis sit corruptus [illegible] non
[illegible] aliis [illegible]
Nam ut dicit Ysidorus libro xi° capitulo 2° sanguis menstru-
[illegible] non germinat [illegible]
moriuntur herbe [illegible] arbores
ferrum rubigo corrumpit, nigrescunt era
et metalla. Et si canes [illegible]
in rabie [illegible] asphaltum [illegible]
[illegible] dissolvitur [illegible] aque [illegible]
sponte dispergit [illegible]
hic sanguis ex superfluitate [illegible]
in corporibus mulierum generat. Et [illegible]

[illegible] in [illegible]
[illegible] expulsus [illegible]
[illegible] et [illegible]
[illegible] et habilem. [illegible]
[illegible] maxime
[illegible]
[illegible] non
[illegible]
[illegible] in diminutione [illegible]
[illegible] frigidi-
ora [illegible] in alio tempore [illegible]
[illegible]
[illegible] talis [illegible]
et naturalis. Et si ultra tempus vel [illegible]
[illegible] vel propter altitudinem [illegible] vel propter [illegible]
[illegible] retinetur [illegible]
corpus [illegible]
[illegible] est a xiii° anno [illegible]
[illegible] in iuvenibus [illegible]
debilis [illegible]
[illegible] et [illegible]
[illegible] iste [illegible]
[illegible] sit [illegible]
et [illegible]
menstrualis post [illegible]
ad nutrimentum [illegible] et [illegible]
Unde dicit [illegible] libro [illegible] est sanguis
non purus [illegible] indiget digestione [illegible]
[illegible] sanguis [illegible] spermate [illegible]
[illegible] Unde multe post conceptionem [illegible]
[illegible] fluxum menstrui solet [illegible]
[illegible] moriuntur [illegible]
propter nutrimenti [illegible]. In [illegible]
sanguinis menstrualis [illegible] est [illegible]
[illegible] superfluum [illegible] sanguinis
menstrualis [illegible] ad mamillas ut in la-
[illegible] lactis [illegible]
in mamillas. [illegible] libro [illegible]
[illegible] est sanguis digestus non [illegible]
[illegible] sanguis menstrualis [illegible]
[illegible] in corpore matris [illegible]
ut dicit [illegible] libro [illegible] et Constantinus [illegible]

Constantinus [illegible] p[illegible] [illegible] Nam
[illegible] flatus [illegible] et pes [illegible] graue et tar
dus [illegible] obliuiosus [illegible]
[illegible] et flauus color albidus in
facie [illegible] spiritus et [illegible]
[illegible] et [illegible] pacia
[illegible] nisi salsum sit flaugm
sit salsum [illegible] in mente [illegible] pp [illegible]
[illegible] [illegible] et
flaumis et laxatiuus pulsus est mollis
grossus et tardus urina spissa alba [illegible]
da et discolorata [illegible] et ypostasis
in [illegible] et [illegible] cuius [illegible]
superficies plana et lenis ac plus [illegible]
data / [illegible] aquarum [illegible]
et pluuiarum [illegible] [illegible] in
aquis [illegible] et [illegible] talis [illegible]
[illegible] solent [illegible] morbis [illegible]
et [illegible] tempore yemali [illegible]
flat [illegible] et [illegible] [illegible]
ut dicit Constantinus. [illegible] [illegible] proper
[illegible]. De colera et eius pro
prietatibus.

Colera [illegible] ysidorum est dicta eo quod in
[illegible] [illegible] calor temp[illegible]
[illegible]. Colera alia est naturalis. Alia innaturalis.
Naturalis est naturalis calida et sicca [illegible]
[illegible] in colore rubea et clara / in sapore
amara cum quodam acumine [illegible] quanto est ca
lidior tanto est in colore rubicundior et
in sapore amarior. [illegible] cum in corpore
[illegible] in duas partes diuiditur quarum una
vadit cum sanguine et alia transmittitur ad ve
sicam fellis. Illud autem quod vadit cum sanguine
[illegible] cum ipso [illegible] est [illegible]
[illegible] [illegible] ut sanguis [illegible]
[illegible] ad [illegible] sanguinem ad [illegible]
[illegible] [illegible] [illegible] sanguis
[illegible] [illegible] rubeus [illegible]
proporcio [illegible] membrorum [illegible] et [illegible]

[illegible] [illegible] et [illegible]
[illegible] [illegible] ad [illegible]
[illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible]
[illegible] [illegible] pp [illegible]
[illegible] et pp [illegible] fellis
[illegible] et [illegible] et [illegible]
[illegible] [illegible]
[illegible] accidit [illegible] dolor [illegible] et colica
[illegible] passio [illegible] qui [illegible]
[illegible] et intestina. [illegible] [illegible]
[illegible] pp aliud [illegible]
[illegible] cum colera [illegible]
colera [illegible] est [illegible] calida et [illegible]
[illegible] colera [illegible]
et [illegible] [illegible] colera [illegible]
due [illegible] species est colera [illegible]
[illegible] viridis in colore et amara et
acuta sicut herba [illegible] [illegible]
[illegible]. [illegible] autem [illegible]
[illegible] herbis [illegible]
[illegible] [illegible] et [illegible]
[illegible] a talibus [illegible] viridibus et [illegible]
in colore [illegible] et [illegible]
est. [illegible] autem [illegible] [illegible]
[illegible] colera vitelina [illegible]
[illegible] [illegible]
[illegible] [illegible] viriditas [illegible]
[illegible] colera [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] colera [illegible] ad albedinem
[illegible] est color [illegible] color [illegible]
[illegible] [illegible] [illegible]
[illegible] albedinem [illegible] ut est
[illegible] [illegible]
[illegible] [illegible]
[illegible] albedinem [illegible] nigredinem [illegible]
[illegible] ultima [illegible] aliis [illegible] est [illegible]
[illegible] [illegible] [illegible]
et [illegible] [illegible] in corpore [illegible]
[illegible] [illegible]

[illegible] et hic humor igitur colericus
[illegible] temporibus [illegible]
[illegible] digestio [illegible] et putre-
[illegible] modificatus [illegible] divisione [illegible]
[illegible] dispositio
et audacia [illegible] mobilitas [illegible]
[illegible] et appetitus [illegible]
[illegible] appetitus provocat [illegible]
[illegible] expulsione [illegible] materie
grosse [illegible] et a [illegible] usque ad con-
[illegible] ut nigre-
[illegible] in colore mutantur
[illegible] solet dic [illegible]
[illegible] et stabilitas [illegible]
[illegible] longa tempus et [illegible] color
[illegible] pulsus [illegible]
[illegible] pulsus fortis et
[illegible] complexio [illegible] tempus
[illegible] in colore [illegible] rutillas [illegible]
[illegible] in [illegible] fuit [illegible]
[illegible] molesta [illegible] passiones
[illegible] signa [illegible]
[illegible] in passione [illegible]
[illegible] colera corrupta [illegible]
[illegible] appetitus [illegible]
amaritudo sentitur in ore [illegible] dulcia
[illegible] amara [illegible] sapida [illegible]
[illegible] calor [illegible] pungens et
[illegible]
[illegible]
[illegible] et humore [illegible]
[illegible] consumatur. Colerici
[illegible] pulsus [illegible]
[illegible] et [illegible] urina rubea et in-
tensa dolor capitis [illegible] et ale-
[illegible]
[illegible] febris [illegible]
[illegible] calor [illegible]
[illegible] ymaginationes [illegible]

De malencolia et eius proprietatibus

Melancolia est humor spissus et gross[us]
ex fece et turbulentia sanguinis gener[atus]
[illegible] niger et color [illegible]
est lividus [illegible] malencolia [illegible] humor
[illegible] a fisicis [illegible]
[illegible] declinat ad nigredinem [illegible]
naturalis [illegible] naturalis [illegible]
[illegible] sanguinis sicut fex in vino [illegible]
[illegible] est spissa et terrestris [illegible] sapo-
[illegible] dulcedinis et ponticitatis [illegible]
acceditur hec materia in duas partes [illegible]
divid[itur] quarum una remanet cum sanguine
et permiscetur [illegible] ad membra [illegible] necessitate
et [illegible] ut cum sanguine
[illegible] et apparet sanguis ad membra
[illegible] nutrienda [illegible] et sanguis
[illegible] ne sua [illegible] fu-
[illegible] secunda vero pars transmittitur
ad splenem et propter necessitatem et [illegible]
[illegible] propter modificationem totius corporis
et propter nutrimentum ipsius splenis [illegible]
[illegible] vero est ut [illegible]
[illegible] et [illegible] et
[illegible] et sic [illegible] et [illegible]
[illegible] ad nutrimentum [illegible] illud dici-
[illegible] quod est superfluum sanguinis transmit-
titur ad splenem et quod a splene egreditur
est illud quo non indiget splen ad suum nu-
trimentum. Et sic colera rubea [illegible]
[illegible] ad expellendum superflua [illegible] sic
materia [illegible] virtutem appetitivam
[illegible] sanguis [illegible] vel
[illegible] que resudat et separatur a sanguine
sic descendit ypostasis urinalis [illegible]
[illegible] in liquore [illegible]
resudat [illegible] descendit propter [illegible]
[illegible] et [illegible]
[illegible] malencolia
aut [illegible] ypostasis sic [illegible]

et finis per [illegible] adustionis et cinere
scitatis et [illegible] accidit istis morbus a gene-
re calore nimis in sanguine [illegible]
adurit et per adustionem nimiam [illegible]
lera adusta [illegible]. Et si fuit hu-
mor [illegible] grossus qui aduritur
efficit salsus et grossius [illegible]
accidit vel paucitati [illegible] con-
tingit sanguis adurit et [illegible] san-
guis eius sit salsus [illegible]
pauca [illegible] contingit [illegible]
aduri illa adustio fuit [illegible]
sit acetum [illegible]. Et [illegible] in superficie
terre ebullit [illegible] est [illegible] et
acris que [illegible] propter odoris
orribilitatem. Et [illegible] est acris
et [illegible] est. Si [illegible] qui aduri-
gossioris fuit [illegible] est eius [illegible]
[illegible] cum paucam [illegible] gradus
super terram minus ebullit et minus
in membra penetrat [illegible] est [illegible]
maliciosa et venenosa [illegible] co-
lera nigra est [illegible] inimica et pessima
[illegible] monstras qualitates [illegible]
[illegible] incurabiles sicut [illegible]
[illegible]. Ex adiuvante [illegible]
per adustionem nimiam flave sanguis et mala
[illegible] ista malia [illegible] et [illegible]
ex flava per [illegible] sanguis et ex
sanguis per [illegible] colera [illegible] ex colera
[illegible] colera [illegible] est ex [illegible]
[illegible] et ex
ipsa [illegible]
est [illegible] pessima [illegible]
Unde dicit Constantinus libro primo capitulo [illegible] istius
humoris [illegible] aliquo corpori hec
sunt signa primo [illegible]
in [illegible] per nigredinem in [illegible]
[illegible] et terrestre [illegible] hu-
moris [illegible] patiens dico est timidus

[illegible] Galienus [illegible]
et [illegible] passio est [illegible]
[illegible] passionem [illegible] timo-
[illegible] atque tristes et hoc [illegible]
[illegible] tristes [illegible]
[illegible] timeant [illegible] quod dolent
[illegible]. Alii mortem sibi
[illegible] et [illegible] putant. Alii
[illegible] formidant. Alii
diligunt mortem et [illegible] Galienus
[illegible] passionis [illegible] contingit si
patiens colera nigra [illegible]
[illegible] patiuntur [illegible] in corde [illegible]
[illegible] nichil sit timendum. Unde qui aliquid
[illegible] ut est [illegible]
[illegible] est ut patiens [illegible]
[illegible] Unde [illegible] patiat [illegible]
aut terribilia et tenebrosa [illegible]
et odore fetida vel in sapore [illegible]
Ex quibus omnibus [illegible] passio [illegible]
sit [illegible] et [illegible] qui
tales [illegible] et [illegible]
[illegible] plangunt atque dolent
[illegible] solent [illegible]
[illegible] et [illegible] solent [illegible]
sicut alii putant se [illegible] et [illegible]
et timent [illegible] aut [illegible]
sicut [illegible] putant se [illegible] claudere
[illegible] et [illegible] ad [illegible] non
[illegible] timentes quod si [illegible]
[illegible] mundi [illegible] et [illegible]
sicut [illegible] putant [illegible] mundum
et [illegible] velle [illegible]
[illegible] et [illegible] erigunt et [illegible]
[illegible] mundi [illegible] multum
[illegible] qui [illegible] et [illegible]
[illegible] spiritibus sicut aliqui [illegible] quod [illegible] non
[illegible] vel si putant se [illegible] caput [illegible]
illud esse [illegible] vel asininum sive aliud
monstruosum sicut alii audiunt [illegible]

[illegible] rexigit et se [illegible]
[illegible]
[illegible]
[illegible]
postea [illegible]
vivat [illegible] et studium
[illegible] patitur et accidit [illegible]
alias [illegible] materia
passiones et prout testatur Galienus et
Alex. et alii plures auctores [illegible]
longum esset singula enarrare. Et hoc
sufficiat ad [illegible] sicut [illegible]
[illegible] ad tanta [illegible]
[illegible] diversis [illegible]
[illegible]
[illegible] insidiantur [illegible]
[illegible] tali [illegible]
[illegible] egritudinibus [illegible] fuit [illegible]
[illegible] prout dicitur in historiis [illegible]
[illegible] aquila [illegible]
[illegible] spatio se [illegible]
[illegible] mala et alios [illegible]
et in naturalibus [illegible] ad hoc [illegible]
[illegible] dixisse nunc sufficiant.

Explicit liber quartus. Quinto de pro-
prietatibus partium hominis in speciali, nunc
restat de proprietatibus earundem in generali
et speciali prosequi [illegible] et
secundum sensus discretionem et iuxta naturam
ac contra naturam multipliciter diversifica-
tur. Ex istis enim omnibus diverse et
adverse proprietates hominis attenduntur.
Incipit liber quintus primo de statu hominis.

D[illegible]
[illegible]
[illegible] aliquid
dic[illegible] membrorum que expedit
breviter exponere, et primo de proprietatibus
corporis [illegible] singulis in se
aliquid dicendum est. Nam ut dicit Avicenna
membra sunt corpora ex prima humorum
commixtione procreata vel ut dicit
Johannitius membrum est firma et solida
pars animalis ex similibus vel dissimilibus composita
ad aliquod speciale officium deputata, per hoc
quod dicitur firma pars distinguitur membrum
a spiritu qui non est firma ut est solida. Per
hoc autem quod dicitur similibus et dissimilibus compo-
sita insinuatur membrorum duplex diversi-
tas scilicet simplicium sive consimilium et compo-
sitorum sive officialium. Nam consimilia
membra dicuntur et simplicia quorum partes
eiusdem nominis sunt cum toto ut quelibet
pars carnis est caro et sic de aliis. Et hec
membra consimilia organorum et officialium mem-
brorum [illegible] sunt prima et pura et com-
ponentia principalia. Componens enim
composito prius est. Organica sive offi-
cialia membra dicuntur ex consimilibus creata et
statuta que ad completionem sensus et motus
sunt autem instituta. Ut manus pes oculus
et consimilia [illegible] in quantitate
et qualitate diversa ut dicit [illegible]
[illegible] iusticia. [illegible] autem [illegible]
[illegible] sunt diverse
et [illegible] membrorum diversitates [illegible]
Ut patet in manibus in quibus sunt multi digiti in
qualitate et quantitate diversi, ut per hoc pos-
sunt magis [illegible] et minima retinere.
Cum igitur triplex sit anima scilicet animalis
naturalis et spiritualis sunt membra illius op-
erationibus anime necessaria. Unde membra animalium
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] spiritualia

Et vitalia que sunt [illegible] anhelitus et vi
tales spiritus attractio [illegible] calor [illegible]
generantur et vite conservative ut cor pul
mo et [illegible] membra sunt nutritive virtuti
deservientia dicuntur naturalia et nutritiva. quorum
nutritiva quedam sunt que cibum in membrorum
substantiam transmutant sicut stomacus epar
[illegible] vero membra [illegible] a natura ad conservationem
speciei [illegible] vitalia et [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] sic [illegible] spiritus
[illegible] [illegible] [illegible] membra [illegible]
alia sibi deservientia et ipsa administrantia
mutuo [illegible] membra sibi [illegible]
hec autem membrorum sibi [illegible]
est multiplex scilicet deportatoria preparatoria
purgatoria et defensoria. Primo [illegible]
sunt organa spiritus deservientia membro cordi pul
moni epati [illegible] et instrumenta [illegible]
2a est deportativa scilicet nervi qui suscipiunt
spiritum vitalem a cerebro et deferunt ad singula
membra ad motum et sensum faciendum

Et similiter arterie deserviunt cordi et ve
ne epati [illegible] spiritum suscipiunt arterie
et deferunt ad pulsum faciendum. 3a sunt
purgatoria scilicet illa que expellunt superflua
et nociva sicut foramina narium in
capite et meatus per quos cor emittit super
fluam fumositatem pulmonis et emittat.
Similiter cystis fellis et splen purgant
epar a superfluitatibus coleris et [illegible]
sicut renes [illegible] ab aquositatibus. 4a
est defensiva sicut duo panniculi in cerebro
defendunt cerebrum a nocumentis et lesioni
et dicuntur a physicis dura mater et pia mater
Similiter ossa pectoris defendunt cor et
[illegible] et [illegible] [illegible]
epar [illegible] membra spiritualia [illegible]

Quia totius vite animalis [illegible]
et caloris naturalis fundamentum [illegible]
[illegible] sunt et pulmo panniculi [illegible]
et arterie quorum motu aer ad cordis
[illegible] [illegible] et fumositatum
superfluitas ab ipso [illegible] [illegible]
[illegible] sunt panniculi dyafragma et [illegible]
[illegible] naturalium et nutritivorum [illegible]
epar [illegible] sanguis [illegible] totum cor
[illegible] cum [illegible] sibi membra
[illegible] [illegible] [illegible] que membra
quedam sunt [illegible] [illegible] officialia [illegible]
[illegible] virtutis [illegible] et
ad conservationem animalis sibi [illegible] admini
strant. Quedam vero sunt [illegible] que a con
stantino [illegible] [illegible] simplicia [illegible]
[illegible] ab omni [illegible] [illegible]
[illegible] est pars [illegible] [illegible]
quo ad sensum [illegible] pars visibilis
[illegible] est caro [illegible] pars [illegible]
est pinguedo et [illegible]. Recollig
[illegible] [illegible] membra [illegible] ordi
nata sunt cor [illegible] [illegible]
et virtutis ab anima recepta [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] minora maioribus [illegible] [illegible]
[illegible] et aliis [illegible] [illegible]

Et sibi mutuo sunt administrantia et suas
virtutes et operationes mutuo [illegible]
superiora inferioribus administrant [illegible]
et gubernationem [illegible] superioribus sup
portationem [illegible] [illegible] [illegible]
[illegible] [illegible] utraque [illegible] [illegible] et
[illegible] [illegible] membra [illegible]
[illegible] et [illegible] [illegible]
[illegible] sustinent et supportant
[illegible] [illegible] et [illegible] utraque [illegible]
et defensant [illegible] membra [illegible]
ab [illegible] [illegible] ad [illegible]
[illegible] [illegible] cordi [illegible] utilia

[illegible] ta et tremuit spiritus existens in
[illegible] st membra privat et perturbat
q[illegible] et obedient[illegible] spus est [illegible]
C Vn[de] dicit [illegible] q[uod] caput [illegible] est pur-
gatiu[m] et [illegible] p[ro]p[ter] [illegible]
sensu[m] et intellectu[m]. Et io forsan [illegible]
sp[irit]us in [illegible] sensibilibus p[er] [illegible]
[illegible] in suo tractatu [illegible]
C Et [illegible] q[uod] [illegible] p[ro]p[ter] [illegible]
[illegible] colligantia sibi invicem [illegible]
[illegible] violencior patiens [illegible]
[illegible] Et io si [illegible] membru[m] lesum fuit
ad locu[m] doloris [illegible] humore [illegible]
[illegible] sic d[icitur] in amphorismis. Duobus [illegible]
[illegible] dolor superveniens dolori alterius [illegible]
[illegible] sensibilitatem [illegible]
p[ro]p[ter] [illegible] si fuerit [illegible]
[illegible] dolor capitis diminuit[ur]
[illegible] ad [illegible] membru[m] [illegible] et [illegible]
[illegible] ex q[uo] caput [illegible] me-
bra [illegible] nobilioris [illegible]
[illegible] sentiunt et [illegible]
[illegible] lesionis, et [illegible]
[illegible] modico q[uod] [illegible]
[illegible] magnum hoc accidit [illegible]
nobilitatis [illegible] amplius
[illegible] modica [illegible]
[illegible] membris sensibilibus [illegible]
[illegible] p[er] [illegible] membrorum
[illegible] sen-
sibili et motiva et dissolvit [illegible]
armonia [illegible]
ex [illegible] accidit q[uod] membra
[illegible] sicut [illegible]
[illegible] animalium [illegible]
[illegible] corporis et [illegible]
apparuit [illegible] duo capita
[illegible]
[illegible] duo [illegible] una

talia sunt dicta [illegible] accidit prop[ter]
[illegible] duor[um] [illegible] q[uod] diversi [illegible]
propinq[ui]s invicem [illegible] Et dic[it] [illegible]
q[uod] ex tali uno membro accidit monstruo-
sus, sicut pullus [illegible] unu[m] corpus [illegible]
caput q[uat]u[or] pedibus et q[uat]u[or] alas [illegible] visus
est. Et [illegible] [illegible] error [illegible]
maxime [illegible] in [illegible] et [illegible] ani-
malibus multor[um] filior[um]. Et io dicit q[uod] [illegible]
est apex [illegible] in [illegible] [illegible]
[illegible] monstruositas in membris
superfluis [illegible] accidit ex superfluitate
m[ateri]e et [illegible] virtute informative. Un-
de [illegible] debem[us] retrahere
q[uod] ista monstruositas in membris ex m[ateri]a q[uia] n[on]
[illegible] fortis est virtus operativa, et m[ateri]a modica
est, vel [illegible] aliqua diminuta, tu[n]c
qu[an]d[o]q[ue] contingit multa apparere membra
[illegible] in o[mn]ibus in [illegible] q[uod] virtus p[ro]p[ter] de-
fectu[m] m[ateri]e [illegible] n[on] potuit q[uod] [illegible]
sicut dicit [illegible], virtus operativa fortis
operans in [illegible] operat[ur] [illegible] s[ed] [illegible]
[illegible] accidit [illegible] et [illegible]
[illegible] Cenophiles [illegible] esse mo[n]-
struosos capita canina h[abe]ntes et voces
loco latratus emittentes. Alios et dicit
esse sine [illegible] oculos h[abe]ntes in humeris.
Narrat insup[er] ibidem, q[uod] temporibus suis nat[us]
est puer, qui in superioribus membris erat
duplex. et in inferioribus simplex. Na[m] duo
capita et duo pectora, et q[uat]u[or] manus
h[abe]nt, aut [illegible] et duos pedes. [illegible]
talia [illegible] Aug[ustinus] [illegible]
[illegible] [illegible] ipsa membra q[uo]
ad [illegible] et ordine[m] magna est [illegible]
Nam q[uo]d[am] s[un]t tribuentia ex se et aliun[de]
n[on] suscipientia sicut cor q[uo]d nihil
ab aliis recipit [illegible] [illegible] in aliis
[illegible] et [illegible] tribuit et diffundit.
Et sunt q[uo]d[am] q[uae] s[un]t suscipientia et dis-
tribuentia sic [illegible] et [illegible] suscipiunt a

cordi vigore et est principalis virtutis quia aliis administrat. sed non sunt et membra que sustinentia neque tribuentia sed sunt ex ipsa propria virtute secundum opinionem medicorum sicut sunt membra consimilia. Et sunt membra sustinentia et non tribuentia sicut sunt membra instrumentalia qualia sunt recipere a membro virtutem sensitivam vel motivam et quam unumquodque sed suscepta virtute non ad alia membra cum est et sunt ultimus non diffunduntur quia oculus non per virtutem visiva quam recipit a cerebro dare potest vel manum sicut aliis membris neque auris auditiva sicut de aliis. et tunc ista membra corporis sunt unita quia per offa sibi apparata sunt ceterorum membrorum corporis cognitiva nisi forsan in suis actionibus fuerit causa alique impeditas sicut cum lesa sunt vel corrupta. hec autem specialia habent officia ut pro principalioribus membris periculo se exponat ut est videre quia manus pro defensione capitis vel cordis siccum omnium deliberatione naturali se opponit. Item membrum vero sanum membro infirmo subvenit et materiam morbi ad se trahendo purgare vel alleviare membrum morbidum consuevit. unde membrum sanum per non sano sepe lesum fuit. membrum vero sunt putridum fuit aut mortuum sibi ymo toti corpori est nocivum et ideo non restat nisi ut abscidatur ne corrumpat aut destruat totum corpus. hec de membris in generali dicta sufficiant. De capite hominis et eius proprietatibus.

Capite hominis et eius proprietatibus

Inter membra principalia hominis primo a superioribus caput inchoandum est. Est autem caput principale membrum hominis inter omnia membra hominis corporis [illegible] quo ad situm et officium obtinens proprietatem. Est autem caput a

[illegible] [illegible] ut ipse dicit [illegible] ro [illegible] sensus et [illegible] rapiant atque ex eo [illegible] [illegible] ro [illegible] [illegible] apparet [illegible] [illegible] quodam [illegible] [illegible] Est enim caput [illegible] et [illegible] et origo omnium sensibilium [illegible] virtus spiritus [illegible] diffunditur et transmittitur ad omnia membra [illegible] motibus [illegible] foramina [illegible] [illegible] aliquos [illegible] planetarum orbi [illegible] correspondet. Caput itaque dignius est [illegible] nobilius omnibus membris que [illegible] totius corporis [illegible] [illegible] ad suas [illegible] [illegible] [illegible] ro a natura caput situm [illegible] corporis summo ut regat ordinem et disponat omnia [illegible] ordine [illegible] ab [illegible] [illegible] [illegible] [illegible] dicto capitis totius [illegible] ex tribus [illegible] [illegible] cuius et figurant [illegible] ex ipso et capitis [illegible] caput [illegible] [illegible] medium et [illegible] [illegible] magnum et [illegible] et ad [illegible] [illegible] [illegible] proportionatum. Caput vero [illegible] [illegible] [illegible] est laudabile [illegible] [illegible] [illegible] et debilitatem [illegible] informationem [illegible] [illegible] [illegible] magnum non erit laudabile [illegible] [illegible] virtutis [illegible] ex superfluitate [illegible] hoc provenit ut dicit [illegible] [illegible] caput est rotunda et hoc propter [illegible] [illegible] lesionis [illegible] et propter [illegible] [illegible] [illegible] [illegible] caput [illegible] oblongum [illegible] tempora [illegible] [illegible] [illegible] [illegible] capitis in rotunditate dispositum ad similitudinem globi terrei [illegible] manus vel [illegible] [illegible] [illegible] [illegible] [illegible] est rotundus [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] in [illegible] aut [illegible]
[illegible] et [illegible] et [illegible]
[illegible] in [illegible] capit[illegible] vel qua
[illegible] spondiles et [illegible]
[illegible] [illegible]
[illegible] capitis [illegible] disponi
[illegible] capit [illegible]
[illegible] et [illegible] grossit[illegible] et
[illegible] fortis et mag[illegible] et
[illegible] vel ex capillis et capit[illegible]
[illegible] caput. Nam [illegible]
qualitate et [illegible] ac [illegible]
[illegible] vel [illegible] et [illegible] capit[illegible]
et [illegible] dispositione [illegible]. Nam
capilli [illegible] et [illegible]
nascant[illegible] calore signu[illegible] capit[illegible]
et [illegible] sicut infra dicet de
capillis. [illegible] disposit[illegible]
[illegible] capitis [illegible]
et [illegible] capite et [illegible]
[illegible] reddit et [illegible]
[illegible] Item caput [illegible]
[illegible] et hoc [illegible]
[illegible] et molis et [illegible]
[illegible]
et aliorum [illegible]
[illegible] Item caput aliquid [illegible]
[illegible] et hoc [illegible] ad [illegible]
[illegible] [illegible]
[illegible] Cap[illegible]
[illegible] compositione [illegible]
et [illegible] et hoc
[illegible]
[illegible] [illegible]
[illegible] multa [illegible]
[illegible] et [illegible] multi[illegible]
[illegible] et [illegible] quia
[illegible] infra ossa capit[illegible]
[illegible] tota [illegible] infra [illegible]

[illegible] compositionem [illegible]
et [illegible] [illegible]
et [illegible] operationes.
Nam [illegible] operat[illegible]
[illegible] opus et [illegible]
capitis [illegible] multas [illegible]
[illegible]
[illegible] et [illegible] toti[illegible]
[illegible] et [illegible] capite
toti[illegible] [illegible]
[illegible] et [illegible]
[illegible] sicut itaque
[illegible] capite [illegible] et ma[illegible]
[illegible] et [illegible] porros esse
superfluitatem [illegible] evacuarentur.
[illegible] et [illegible] et foramina
[illegible] grossiora [illegible] laduntur
et [illegible]. Item sunt aliqui capitis [illegible]
tates [illegible] representantes
[illegible] capitibus monstruosis, dicit
[illegible] libro [illegible] 12° [illegible] unum esse
[illegible] et tamen apparet duo esse ca-
pita vel [illegible] [illegible]. [illegible] videtur
esse [illegible] capita et [illegible] alia et
tamen non est nisi unum [illegible] et tamen hoc totum
monstruosum est, et hoc non accidit nisi
ex errore nature, et ex superflua materia vel [illegible]
[illegible] sicut probat [illegible] libro 18°
ubi dicit multa monstruositas talis non [illegible]
nisi [illegible] materia. Et [illegible] talis monstruositas in-
venitur in [illegible] multos filios
[illegible] in [illegible] [illegible] nisi in [illegible] [illegible]
[illegible] pariunt filios plures aliarum [illegible]
[illegible] nisi ubi [illegible]
[illegible] filios. [illegible] est sicut [illegible]
[illegible] et [illegible] alium [illegible]
[illegible] et [illegible] bene disposito
et bene ordinato [illegible]
[illegible] et [illegible] capite
[illegible] et [illegible]

omnia [illegible] rostro pa-
[illegible] capitis [illegible]
[illegible] passionibus [illegible] ex ipso
[illegible] ut patet in cepha-
[illegible] et huius [illegible]
[illegible] ex aures
[illegible] dissipati [illegible]
[illegible] alios
[illegible] et assiduatione [illegible]
[illegible]
[illegible]
[illegible] quas fumi
varias replentes pelliculas cerebri [illegible]
[illegible] vel distendit et sic [illegible]
cerebri pelliculis dolores [illegible]
[illegible] accidit ex nimia [illegible]
abstinentia ut patet in nimis abstinentibus
et vigilantibus quia ut dicit Galienus vigilia do-
lorem capitis generat. Item idem patet ex [illegible]
repletione sicut accidit ebriosis quia ex ni-
mio et superfluo fumo a vino resoluto
cerebrum [illegible] et pungit [illegible]
capitis dolores et passiones. Unde [illegible]
Constantinus quod [illegible] capitis [illegible]
[illegible]
[illegible] stomachus cibis et in malas
qualitates transmutatur. Item sic dicit [illegible]
[illegible] Natura ordinavit in capite sensus et
[illegible] dignitate [illegible]
[illegible] et ideo posuit oculos in altiori
parte capitis et superiori [illegible]
[illegible] sensus [illegible]
subtilior et nobilior. Organa autem [illegible]
posuit natura in medio [illegible] capitis [illegible]
[illegible]
[illegible] olfactus posuit natura post oculos [illegible]
[illegible]
[illegible] subtilior [illegible]
[illegible] lingua [illegible] et tactus
[illegible]

[illegible]

De [illegible]

A[illegible] ut dicit Constantinus [illegible]
[illegible]

ca^m d[e] [illegible]

[illegible] formas ymaginatio
[illegible] eo [illegible] posterior memoria
[illegible] consumatur. pars anterior prora
[illegible] non vacat puppis vocatur. puppis
[illegible] est que parva rima ab ea producitur
[illegible] puppis dura ut rerum motum me-
tu facilius patiantur. tertia est cellula
[illegible] de spiritu et medulla frigida
ut in ea melius fiat retentio. pars habet
de spiritu ut fiat conservatio. pars habet
de medulla 2a minorem ut sit medio-
cris durans sit forme impressio in ea di-
utius remaneat. prora vero que pars anterior
est maior mollior et calidior et liquidior
[illegible] ut magis sensibiles ab eo. prora
erat mollior ut sensibiles magis ad su-
sceptionem sensus facilius disponatur. cali-
dior ut ad susceptionem forme ymaginatio-
nis promptior redderetur. liquidior et lucidior
parum ut [illegible] sensibilibus facilius moueatur.
Cellula memorie prora et puppi media
[illegible] est et tenida plus retentiua habet de-
[illegible] et medulla de spiritu plus ut profe-
ferat [illegible] per [illegible] dispositionem. sicut in
aliis membris fit per digestionem prius ab
[illegible] separato. multum habet de spiritu
ut melius fiat motus quare sit melius
[illegible]
[illegible] que [illegible] a sensibus
apprehensa fantasia sive ymaginatione
colligit [illegible] ad media transmitta dis-
cernit et tandem post in [illegible]
ad ventriculum puppis et memorie com-
mendatur. [illegible] cerebrum [illegible]
[illegible] sit spiritum et ne facilius patiatur
ad defensionem eius [illegible] dis-
posuit qui vocantur matres cerebri quorum
unus est grossus scilicet dura mater. hic cra-
nio supponitur [illegible] in medio cranio [illegible]

[illegible] et ad maiorem fortitudinem solidatur
non tamen in [illegible] cranio coniungitur [illegible]
potius suspenditur et hoc atque illuc [illegible]
cerebrum [illegible] dilatatur. hoc mater dura
fuit [illegible] ut pia mater cellula tenerior
est a duritia cranii defensaretur et ut
venas et arterias cerebri colligeret et ut
si qua sit [illegible] vana separatio [illegible]
Secundus panniculus dicitur pia mater quem
dure matri supponitur quia mollior est
dura matre. Unde substantiam cerebri circumvolvit
Et proprietas cellulas ab invicem separat et dis-
[illegible] suffulcit pia mater que cere-
bri venas [illegible] recolligit et cerebrum et
ne sua liquiditate defluat continuando
custodit. Cerebrum [illegible]
[illegible] a dura matre defenditur. Et insuper
per venas quas habet cerebrum nutritur et per
arterias quas continet spiritus ei transfundit
Cerebrum ipsum est membrum motivum et cetera
omnia membra corporis inferioris singulis
sensum [illegible] atque motum. Quo super
dicto [illegible] in eo superioribus et [illegible]
omnia que sunt in eo melius disponuntur habet
hoc proprium quod sequitur et sequitur motum lune
que crescente medulla cerebri crescit et
decrescente diminuitur in substantia et virtute na-
turali [illegible] spiritus se [illegible] et ad actiones spiritu-
ales liberius non obedit et hoc patet in epilepticis
et lunaticis que in novilunio potissime mo-
lestantur et hoc est quod dicitur [illegible] 12. Cere-
brum [illegible] quia nimis desiccatur [illegible]
[illegible] facit suum opus [illegible]
corpus et [illegible] ipsum spiritum et [illegible] acci-
dunt infirmitates et amissio intellectus
et tandem mors [illegible] minus maxi-
[illegible] cerebrum [illegible]
forsan [illegible] resoluta
in fumum [illegible] induci-
[illegible] cerebrum non habet in se

et [illegible] sensu [illegible] sicut vir sanguis
[illegible] superfluitatem animalis et non
est in [illegible] animalium [illegible] ad [illegible]
[illegible] nutritum est. Cerebrum [illegible]
partibus [illegible] sensus [illegible] et [illegible]
[illegible] nihil sentit. [illegible] dicit [illegible]
[illegible] animal [illegible] sentit
et [illegible] vel aliquod membrum
[illegible] sicut animal [illegible]
et [illegible] [illegible] sit [illegible]
[illegible] nihil [illegible] sanguis [illegible] in sua
[illegible] dicit [illegible] in [illegible]
dicit [illegible] Cerebrum est frigidum
et humidum et ideo [illegible] caloris animal
[illegible] cordi est oppositum ut [illegible]
et temperet superfluitatem caloris et [illegible]
[illegible] arteriarum [illegible] cerebri
est [illegible]. Nam ex corde procedit ar-
teria sicut Alex. dicit. [illegible]
[illegible] mirabile in quo [illegible]
cerebrum, et in illo [illegible] spiritus
animalis, et per ipsum [illegible] fit [illegible]
[illegible] cerebri ad alia membra. Et ideo
dicit Aristoteles [illegible] quod cerebrum est [illegible]
membrum [illegible] animalis post com-
positionem cordis. Haly. [illegible] dicit quod ce-
rebrum bene complexionatum debet esse in
[illegible] qualitatibus [illegible] sicut ibi
dicit haly. Complexio cerebri naturalis
magis est frigida et humida [illegible]
sive sicca [illegible]
[illegible] et ad [illegible]
[illegible] accidit [illegible] caloris cerebri [illegible]
accidit [illegible] assiduitate sui motus. Item
Aristoteles [illegible] homo [illegible] omnia animalia [illegible]
quantitate maius [illegible] cerebrum [illegible]
est maioris caloris [illegible] propter [illegible]
[illegible] et bonitatis complexionis et [illegible]
boni intellectus et [illegible] animalibus

Et ideo plus [illegible]
[illegible] propter [illegible]
et [illegible]
[illegible]
[illegible] bona [illegible] dispositio
et mala [illegible]
[illegible] facit [illegible]
[illegible] recipit impressionem [illegible]
et [illegible] propter [illegible]
[illegible] formarum [illegible]
et [illegible] descriptionem [illegible]
[illegible] mollis [illegible]
et tardius recipit impressiones [illegible]
[illegible] recipit [illegible]
[illegible] signum [illegible]
[illegible] et labilem [illegible]
[illegible] ut dicit [illegible]
[illegible] intellectus est [illegible]
[illegible]
[illegible]
[illegible] Cerebro vero [illegible]
[illegible] pigri [illegible]
[illegible] humida [illegible]
Et [illegible] multum vigilat et [illegible]
[illegible] designat [illegible]
[illegible] superfluitates et [illegible]
[illegible] calida
et humida et [illegible] meridionales
et [illegible] septentrionales [illegible]
[illegible] per longum [illegible] vigilat et qui
dormit [illegible]
[illegible] turbatur et [illegible]
[illegible] contraria
accidit [illegible]
[illegible] et [illegible] superfluitatibus
[illegible] plus vigilat [illegible]
et [illegible] et [illegible]

[illegible] accidit talib[us] caluiciu[m] post [illegible]
[illegible] sp[irit]us i[n] ei[us] p[ro]ss[illegible] multi
[illegible] sibi [illegible] [illegible] eu [illegible] so
[illegible] [illegible] [illegible] [illegible] et medos
[illegible] a sup[er]flu[itate] i[n] iuuentute et [illegible]
[illegible] infirmitate [illegible] q[ui] [illegible] [illegible]
[illegible] ca[illegible] debilitatem et [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] i[n] capite q[uod]
adue[n]it [illegible] cito caui[illegible] Et si fortior fuit
[illegible] [illegible] [illegible] [illegible] efficitur calu[us]
[illegible] [illegible] fortior fuit [illegible] caluities no[n]
accidit [illegible] [illegible] accidit [illegible] cu[m] hu[illegible] ac
cidit profund[illegible] [illegible] [illegible] et sensus [illegible]
[illegible] [illegible] et sup[er]fluitatis multe et
[illegible] [illegible] frequ[en]s ac hu[illegible] accidit pa
[illegible] [illegible] i[n] apoplexia[m] uel i[n] morte[m]
Et no[n] accidit [illegible] [illegible] dispo[sitio]n[em] caluu[illegible]
[illegible] [illegible] [illegible] i[n] [illegible] et i[n] [illegible] [illegible]
[illegible] [illegible] Et h[ec] de p[ro]p[r]ietatib[us] capit[is]
[illegible] d[ic]ta sufficiant.

## Capitulu[m] de caluaria

Caluaria est anterior pars capitis [illegible] ab ossib[us] caluus [illegible] dicta [illegible] [illegible] [illegible] et [illegible] p[ro]tu[illegible]. [illegible] [illegible] sicut [illegible] dicitur superior pars capitis [illegible] [illegible] capilli [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible]. [illegible] [illegible] dicitur pars capitis anterior [illegible] [illegible] caluaria [illegible] capilli [illegible] q[uod] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sup[er]fluitat[illegible] de capillis aut[em] [illegible] [illegible] [illegible]

## Capitulu[m] de oculis

Oculi ut dicit [illegible] [illegible] q[ui] oculi s[un]t dicti q[uia] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] offensione [illegible]. [illegible] [illegible] [illegible] lumi[n]e et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sensus s[e]c[un]d[u]m dicit [illegible]

[illegible] i[n] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] claritas i[n] [illegible] a
[illegible] amor [illegible] et [illegible] passio[n]es
[illegible] et [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] aut[em] oculi
[illegible] uisus ut dicit Constantinus [illegible]
duo ut si forte [illegible] patiatur [illegible]
p[er] aliu[m] suppleat[ur] [illegible] oculi [illegible]
[illegible] speculatoris [illegible] [illegible] [illegible]
i[n] [illegible] [illegible] [illegible] [illegible] aut[em]
[illegible] [illegible] [illegible] [illegible] [illegible]
s[e]c[un]d[u]m septe[m] tunice et tres humores [illegible]
humores [illegible] p[ri]mus albugineus [illegible] crista
llinus [illegible] uitreus. Septe[m] aut[em] tunic[e]
sunt s[e]c[un]d[u]m [illegible] pellicule sive tele [illegible]
[illegible] illos humores et ab [illegible] distingu[n]t
[illegible] [illegible] uel i[n] quor[um] medio formatur
[illegible] et sunt s[e]c[un]d[u]m [illegible] [illegible] [illegible]
q[ue] [illegible] a p[ar]te anteriori [illegible] dicitur
[illegible] aranea [illegible] dura [illegible] cornea [illegible]
[illegible] tres u[er]o sunt a p[ar]te posteriori
s[cilicet] retina secundina [illegible] et [illegible]
[illegible] dura [illegible] post [illegible] [illegible] [illegible] aut[em]
[illegible] [illegible] [illegible] est uisus [illegible]
s[cilicet] humor cristallinus a cristallo sic dictus
q[uia] cristallo i[n] colore assi[mi]lat[ur] Est [illegible]
cristallo[illegible] humor [illegible] [illegible] alb[illegible]
lucidus clarus i[n] [illegible] plan[us] i[n]
medio o[mn]i[u]m alior[um] collocat[us] Et [illegible]
ut ei ab o[mn]ib[us] aliis [illegible] [illegible] [illegible]
aut[em] [illegible] clarus et [illegible] ut
cito [illegible] colores [illegible]
et o[mn]i[u]m colore[s] [illegible] [illegible]
[illegible] [illegible] et rotundus i[n] figura
et i[n] [illegible] ut no[n] facile [illegible] neq[ue]
i[n] eius angulis aliq[ui]d sup[er]fluu[m] [illegible]
[illegible] [illegible] [illegible] patiat[ur] [illegible]
[illegible] rotunditat[is] [illegible] et [illegible]
[illegible] aliqua[m] planitie[m] ut ad moderatia[m]

cuius coloratus dicitur. Nam cum [illegible] pomelo [illegible] rida [illegible] in sua [illegible] instabilis est et non firmus [illegible] constans. Et [illegible] humorem [illegible] visus [illegible] per hec [illegible] sit [illegible] spiritus et [illegible] visibilis [illegible] vel humor vel aliud accidens [illegible] a spiritu visibili ad ipsum [illegible] propter [illegible] debere [illegible] humor [illegible] a [illegible] superioribus [illegible] [illegible] est pupilla [illegible] modo [illegible] visibilis et [illegible] [illegible] [illegible] quandam ymaginem [illegible] in speculo [illegible] [illegible] hic autem humor in medio [illegible] [illegible] vitrei et albuginei [illegible] [illegible] purus est et [illegible]. Et arabice dicitur [illegible] et [illegible] cristallinum humorem, suscipit et [illegible] ipsum et aptat ut [illegible] in [illegible] cristallini. Non enim fuit [illegible] ut tam preciosus humor [illegible] [illegible] sanguis [illegible] in [illegible] albat [illegible] cristallino humori [illegible] aliquid [illegible]. Aliud est iuvamentum est ut prohibeat humorem cristallinum et [illegible] [illegible] quia ipse [illegible] [illegible] grosse. Alter vero humor scilicet albugineus [illegible] alio nomine dicitur [illegible] est a parte anteriori [illegible] cristallinum. Nam prohibet [illegible] [illegible] cristallinum [illegible] [illegible] albugineus sit humor [illegible] magis [illegible] et cristallinus magis [illegible] [illegible] spiritus visibilis [illegible] et confortat [illegible] humor [illegible] [illegible] [illegible]

[illegible] et [illegible] [illegible] palpebra [illegible] humor [illegible] quia [illegible] [illegible] [illegible] spiritus et [illegible] [illegible] [illegible] Ordinat [illegible] tunica [illegible] humor [illegible] cristallinum [illegible] a parte superiori [illegible] tunica [illegible] [illegible] ad vitreum humorem et [illegible] ad cristallinum [illegible] [illegible] tunica secundina [illegible] [illegible] [illegible] tunica [illegible] [illegible] sclirotica [illegible] dura valde [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] anteriori [illegible] [illegible] humor est [illegible] [illegible] [illegible] tunica [illegible] [illegible] [illegible] cristallinum et albugineum [illegible] [illegible] tunica [illegible] Nam hec [illegible] tunica [illegible] claudit humorem cristallinum. Post hec [illegible] tunica [illegible] [illegible] [illegible] et hec [illegible] [illegible] alba et clara [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cristallinum humorem [illegible] [illegible] [illegible] [illegible]

[illegible] ut anteri[illegible] [illegible] quarte faciunt et ebunea [illegible] vitrea seu albuginea humores que ibi coloravit natura et sphere r[illegible] faceret et cristallino humori velut natura ministrarent. Post hec sequitur tunica [illegible] ab [illegible] cornea que cornu lucido est simillima colore et prima est spiritui visibili ratione sue transparentie et in ratione aleritatis et subtilitatis sue aggregationis unde est ab [illegible] cooperativa ratione et hec [illegible] [illegible] dicimus et [illegible] a norminatur. Post oculus est inferior tunica forte dicta [illegible] sima et post tunica que dicitur cornea est inferior scilicet sclerotica que iuncta est in facie oculi [illegible] post due tunice scilicet exterior cornea et inferior sclerotica [illegible] [illegible] [illegible] [illegible] in se concludit. Ultimo autem [illegible] oculi [illegible] [illegible] [illegible] [illegible] a cranio descendens non totum [illegible] [illegible] in angulis corpus ligans et retinens ut in debita permaneat fixione.

Capitulum [illegible] de oculis

Ad oculum autem sive inspiciendum et [illegible] gregandum defert spiritus visibiles [illegible] per [illegible] a prora [illegible] autem [illegible] [illegible] duo nervi gravi [illegible] [illegible] in [illegible] cristallinum humoribus se infigunt. Hi duo nervi gravi transu[illegible] salit [illegible] [illegible] infigunt in oculis et in [illegible] [illegible] contractus [illegible] [illegible]. Et hec [illegible] fecit natura ut aliis [illegible] vel impedito spiritus visibilis ad alium se transferat et ibi perfectio suam [illegible] actionem. Unde pupilla [illegible] in [illegible] transformatur propter virtutes visive [illegible] ut patet in [illegible] quando uno oculo clauso diversitas [illegible] sagittatur [illegible] [illegible] [illegible] spiritus visibiles sensibiles ut ex mutua [illegible]

[illegible] efficiat fortiores [illegible] in [illegible] ne unum duo videat quod fieret si utrique oculus [illegible] [illegible] [illegible] [illegible] opus quibus visiva [illegible] ad unum organum in quo sit una virtus [illegible] in pupillas sicut dicit [illegible] ut patet in illis quando digitos supponunt in [illegible] una de [illegible] pupilla reliqua [illegible] [illegible] et spiritus visibiles dividitur et una res duplex videtur. Et hec est causa quare linea ab uno oculo tendit sursum et ab altero tendit deorsum. Unde radius ab utroque oculo [illegible] tangens [illegible] rei [illegible] ne [illegible] non [illegible] [illegible] quod duo videt [illegible] [illegible] [illegible] [illegible] non [illegible] [illegible] strabus videt [illegible] [illegible] sunt [illegible] inequales quare radius piramidalis [illegible] una [illegible] ad superficiem rei vise [illegible] ut supra dictum est de sensu visus [illegible]. Oculus igitur [illegible] [illegible] consideratur quantum ad perfectam [illegible] suarum [illegible] ut patet supra. Est quantum ad situationem locum [illegible] [illegible] superiorem propter sue [illegible] dignitatem et [illegible] quam habet cum anima [illegible] ut dicit [illegible]. Est et quantum ad quantitatis debitam proportionem. Non enim debet esse nimis parvus et [illegible] que significat [illegible] [illegible] et virtutis [illegible] igitur est laudabilis [illegible] [illegible] in [illegible] [illegible] xix. profundus visus [illegible] a [illegible] [illegible] [illegible] [illegible] [illegible] organo visus non [illegible] neque [illegible] [illegible] [illegible] videt radius visibilis ad res [illegible] sicut patet supra et visu. Est consideratur quo ad motus [illegible] [illegible] in motu [illegible] [illegible] [illegible] quare si fuit [illegible] [illegible] mobilis [illegible] [illegible] [illegible] et [illegible] mentis

instabilitatem, affirmationem et mutabilitatem
varias [illegible] sicut dispo-
sitionis [illegible] est et primaria affectus
[illegible]
laudabilis est ex significatione [illegible]
[illegible] apprehensionem et aspectum de-
bitum [illegible] dicit Aristoteles li. 1o
12o. Clausura oculorum [illegible] est multorum
[illegible] multe apertionis
et parum clausure [illegible]
[illegible] dicit li. 1o. [illegible]
[illegible] designat
[illegible] in me-
[illegible] ut patet in
letargicis. Item concavitas oculi [illegible]
quo ad sue actionis [illegible] fort-
est apprehensionis et [illegible]
[illegible] iudicatur [illegible] disposi-
tionem signat ut patet in oculis aquilinis
qui [illegible] in sua [illegible] comprehendunt.
[illegible] aut oculi concavitas [illegible] et
obtusum nam cuius visus fuit subtilis
et multus remota et propinqua com-
prehendit quam multi videt remota quam
nam subtilis est discernit [illegible] visa [illegible]
cum parum visus sicut dicit Aristoteles li.
19o non melius bene a remotis conspicit
non multum et grossus remota videt
quam multis non perfecte quia grossus, parum
non et subtilis videt prope et perfecte sed non
videt longe propter spiritus visibiles pauci-
tatem, neque perfecte propter sui [illegible]
[illegible] quia spiritus visibiles magis
grossi et turbidi, tanto difficilius [illegible]
et [illegible] actum. Item concavitas
oculus [illegible]
li. 19o. Oculi in [illegible]
colore [illegible]
vel [illegible]
[illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
visus aggregativus [illegible]
obtusa [illegible]
[illegible]
[illegible] oculus [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
visibiles [illegible]
in [illegible]
[illegible]
[illegible]
obscura aliquid [illegible]
[illegible]
dispositio [illegible] sicut ex aliis et superius [illegible]
[illegible] oculi [illegible]
[illegible]
visus [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et forma [illegible]
Alias proprietates oculi quere supra in trac-
tatu de sensu visus et [illegible]
[illegible]

## Capitulum de pupilla

Pupilla [illegible]

pupilla

[illegible] bilis est bis vid. vndi, [illegible]
[illegible] v'magis videt'/ io
[illegible] pupilla [illegible] mig' pun
[illegible] vocat' aut' pupilla eo
q' pura sit et [illegible] ut virgo puella
[illegible] aut' [illegible] gb [illegible]
dimus in oculo [illegible] montem
[illegible] visus tota dispo
[illegible] sit aut' [illegible] st quedā circulus
[illegible] quo distincta nigdo
albugo [illegible] a pupilla separat'. [illegible]
[illegible] circundat sicut ornat [illegible]
pupille. et in ipa max' consistit oculi pul
chritudo. [illegible] vsy. [illegible] aut' dic
[illegible] pupilla et in qua formatur yma
gines corpo[illegible] videt' in oculo. Oculi aut'
[illegible] exterioris et [illegible] aut
[illegible] pupillā, aut ei [illegible]
[illegible] sedet in medio oculi [illegible] regina
[illegible] est pupilla in [illegible]
[illegible] est [illegible] oīa [illegible]
[illegible] et io maxia [illegible] et minima
[illegible] spēs a rebus [illegible]
[illegible] a lumi' [illegible]
[illegible] lux [illegible] obiecte spēi in
se recipit et receptu [illegible]
[illegible] a singulis ptibus rei vise [illegible]
lince [illegible] piramid' cuius conus
est pupilla et basis in re visa [illegible]
[illegible] est [illegible]
pupilla [illegible] colorum et figuraru' corpo
[illegible] distinctia et de
[illegible] in [illegible] coloribus et figuris
sive formis delectat'. Corrupta aut'
in senibus aut [illegible]
[illegible] ut dicit [illegible] delectat' cor
rupta aut' in [illegible] oīa q[illegible]
[illegible] sibi [illegible] videt et dividi[illegible]

[illegible] vidit [illegible] pradiu
reflexione [illegible] multiplicat' spēs
rei vise a re ad speculum et a speculo
fit reflexio ad visum sicut dicit auctor
[illegible]/ Et io [illegible] visibilia
in aspectu [illegible] delectat' [illegible] pradio
reflexione [illegible]
et quodamo colorat' [illegible] pupilla oīa
sub angulo [illegible] videt [illegible] radii
a pupilla ad rem visā [illegible]
sive a re visa ad pupillā tendant
semp in pupille medio sive centro
[illegible] in vno angulari [illegible] vniuntur.
Nam angulus duarum linearum [illegible]
est contactus et io [illegible] linee
p quas forme visus vniuntur et
[illegible] angulant in pupille [illegible]
bili dicit a pho, q' oculus oīa videt
sub angulo, Sunt omnes aut' corporis
partes max' est sensibilis, et pp nobi
litate' sue [illegible] max' est passibil
Et io [illegible] lidit' [illegible]
reparat', et io [illegible] ad defensionem
[illegible] et [illegible] ut sic [illegible]
[illegible] causis [illegible] et [illegible]
[illegible] lesionem, de hijs aut' oculi et pu
pille lesionibus [illegible] infra in tractatu
[illegible]

Capitulum de ciliis

Cilia sunt oculoru' tegumenta a [illegible]
[illegible] dicta, io q' oculos [illegible]
et [illegible] tuta custodia, ut dicit [illegible]
[illegible] li. xj. ca. 2o. Sunt aut' cilia
in [illegible] nervosa et tenuia pp facili
tate' motus, q' suo motu [illegible]
[illegible] a lesione [illegible]
[illegible] custodiunt oculos, et [illegible]
[illegible] ciliā palpebre dicuntur [illegible] palpitans

[illegible] assidue [illegible] adi
[illegible] conservetur ut assiduo mo
tu refrigerat obtutum ut dicit [illegible] Consta
tinus [illegible]. Sunt autem [illegible]
[illegible] pillorum ut apparet or
bibus [illegible] quod [illegible] cepillis [illegible]
involuti orbis in ipsis securius [illegible]
[illegible] ut [illegible]
[illegible] fre
[illegible] custodiuntur [illegible]
[illegible] Constan
tinus palpebrae habent pillos non circa re
ctos sed in extremitatibus mediocriter
reflexos ut [illegible]
habilis sit clausio et [illegible]
[illegible] occurrentes [illegible]
obviaret. Habet alia in curvaturis [illegible]
[illegible] et non re
pilli non se extendunt neque [illegible]
capilli sed [illegible] habent proportionem.
Et non constituuntur palpebre [illegible]
neque porrose sed potius dure ut pilli
[illegible] sint duri et reflexi et non
nimis in curvaturis se extendant sicut
herba crescens in terra dura modica
est et curta et non illa que in terra molli.
Habet palpebras et alia sunt [illegible] ut [illegible]
et corporis ornamentum et in orbis [illegible]
[illegible] dicit Aristoteles libro xiiii° [illegible] animal
[illegible] solum habet pillos et palpebras
et [illegible] animal quod [illegible] claudit oculum
per palpebram superiorem. Avis autem habet
[illegible] palpebre quoddam coopertorium ad cu
stodiam sensus visus et claudit orbis
per illud [illegible]
Et quia orbis [illegible]
indiget tali custodia [illegible]
[illegible] palpebrarum [illegible] animal qua

[illegible]
[illegible]
[illegible] ut dicit [illegible]

Capitulum de superciliis.

Supercilia [illegible]
[illegible]
[illegible] ut sit oculis [illegible] ad
pellendum sudorem de capite defluentem. Super
cilia non est aliud nisi [illegible]
[illegible] supercilia sicut [illegible]
libro [illegible] supercilia [illegible]
[illegible] Constantinus [illegible]
[illegible] extrinsecus [illegible]
[illegible]
[illegible] supercilia [illegible]
[illegible] passionum [illegible]
[illegible] supercilia [illegible]
[illegible] molliter [illegible]
[illegible] supercilia [illegible]
[illegible] sicut dicit [illegible]
libro [illegible] supercilia [illegible]
[illegible]
[illegible] pillos [illegible]
[illegible] longi pilli [illegible]
[illegible] caloris
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] sanguinis
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] pilli sup
[illegible] albescere [illegible]

[illegible] [illegible] sumptione et pp dformi[illegible]
[illegible] [illegible] augmentatione illa
[illegible] [illegible] [illegible] quod supra
[illegible] [illegible] [illegible] introducunt
sicut sup dictu est

## Capitulum de fronte

Fronte ab oculo considerando est no
tandum quod dicit ysy. hec est quedam di
mensio est gubernatio mentis vel inti
ma scientia hominis. quod leta ut festiva est
[illegible] [illegible] [illegible] ventralem frons
est ut dicit Constant. os frontale
multi dure neque multum molle.
Et hoc fuit conveniens ut temperatum
ut lederetur virtutibus oculi. pelle aut
extrinseca tecta est ad sui defensionem
ad aliorum organorum sensibilium ordinac
[illegible] et ad totius corporis [illegible]
[illegible] omnis enim animalis [illegible] po
tissime in fronte lucet frons enim
ut dicit phus sed [illegible] grandis et homi
nis [illegible] ppter virtutem [illegible] imaginatur
virtus [illegible] de tristitia vel leticia
[illegible] vel indecentia [illegible] [illegible]
subito differunt [illegible] utique [illegible] frons
itaque [illegible] [illegible] a capite [illegible]
ad sensum [illegible] quoniam [illegible] est
[illegible] [illegible] [illegible] et
[illegible] [illegible] ad omnia [illegible] sensuum
instrumenta [illegible] [illegible] [illegible] obiec
sensum [illegible] [illegible] [illegible] [illegible]
[illegible] frons est dignissima pars exterior
capitis. ubi [illegible] character [illegible]
[illegible] et salutis ut [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] frons igitur bene dis
posita omnia ista manifestat sed si fuerit
[illegible] [illegible] [illegible] aliis
[illegible] [illegible] et [illegible] [illegible]
lo. [illegible] quod frons erit magna homo
ponderosus [illegible] [illegible] [illegible]
fuit mediocris [illegible] [illegible] [illegible]
virtus [illegible] [illegible] [illegible] [illegible]
superfluitate [illegible] [illegible] [illegible]
frigidioris et talis [illegible] [illegible]
ad diversas passiones [illegible] [illegible]
et [illegible] [illegible] [illegible] me
brorum faciei modica est carnositas et
pinguedinis [illegible] [illegible]
[illegible] [illegible] carnositatem et pinguedinis
superfluitas [illegible] intellectum. Et io
nimia carnositas in fronte est quedam
[illegible] et extensio [illegible] [illegible] est co
[illegible] ut [illegible] [illegible] [illegible]
[illegible] et superficialis pellis corrugatio
[illegible] [illegible] [illegible] [illegible]
[illegible] finales [illegible] ut [illegible] antiq
[illegible] et morbo [illegible] longissimo [illegible]

## Capitulum de timporibus

Tempus vel tempora dicuntur illas ca
pitis membra ad dextram sinistramque
capitis adiacentia [illegible] dicuntur quod sunt mo
bilitate continua qui [illegible] tempus imme
tantur, ut dicit ysy. li. 12. ca. 2. Sunt
aut tempora [illegible] constans [illegible] utraque
[illegible] lateribus oculorum [illegible] [illegible]
[illegible] sunt mollia et nervosa. Et [illegible] fuit pp
motum et sensum oculorum [illegible] Nam tem
pora ad [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] ad [illegible] [illegible] [illegible]
pp [illegible] [illegible] et arterias [illegible]
pulsatiles [illegible] tempora [illegible]
tempora sunt passibilia et [illegible] ad [illegible]
[illegible] [illegible] [illegible] tempora [illegible]
[illegible] [illegible] [illegible] li. 19.
percussio [illegible] cadit sup ossa timporum.

modus est qr si q[illegible] [illegible] [illegible]
aliqs p[illegible] [illegible] qr [illegible]
q[illegible] in temporib[us] [illegible] [illegible] [illegible]
[illegible] tempora [illegible]
pp [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] ad [illegible] id [illegible]
[illegible] [illegible] [illegible] [illegible] aliq[illegible]
[illegible] a [illegible] [illegible] [illegible]
et [illegible] oc[u]lis [illegible] Et si ille [illegible]
[illegible] [illegible] p [illegible] [illegible] [illegible]
oc[u]los [illegible] [illegible]

Capitulum de aure

Auris a [illegible] est instr[umentu]m auditus
et dicta auris a [illegible] [illegible]
aut qr [illegible] [illegible] voce[s] aud[itu]s [illegible] vo
cant, vn[de] dicit[ur] aures qi [illegible] [illegible]
[illegible] p ea[m] [illegible] sonu[s] [illegible]
quo sensu [illegible] aud[itu]s [illegible] [illegible]
audiuit aures [illegible] dicit[ur] [illegible]
pi[n]ni [illegible] antiq[ui] vocat[ur] [illegible] [illegible]
y[sidorus] sy[cut] dicit. Est a[utem] aures [illegible] q[uo]d[a]m [illegible]
cartilaginea q[ue] duab[us] de [illegible] [illegible] in
[illegible] defendit[ur] [illegible] ne q[uo]d no[cu]m[entum]
in auditu[m] [illegible] sicut oc[u]los [illegible]
cilia, p[ro]terea auditu[m] adiuuat. Nam
[illegible] aeris vox [illegible] [illegible] ad [illegible]
[illegible] ibi fortius [illegible] [illegible]
[illegible] foramina q[ue] s[un]t auditus p[ro]p[ri]e
[illegible] [illegible] [illegible] foramina in petros[o]
[illegible] [illegible] constituta, in q[ui]b[us] [illegible] [illegible]
a cerebro s[un]t [illegible] sensu et motu [illegible]
[illegible] [illegible] et [illegible] vocis
in foraminib[us] [illegible] [illegible] [illegible]
[illegible]. Et s[un]t hec foramina sicut [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] ne aliq[ui]d [illegible] [illegible]
dat q[uo]d audit[um] impediat [illegible] [illegible]
in [illegible] [illegible] [illegible] [illegible] [illegible]

Aures [illegible] [illegible] [illegible] [illegible]
in [illegible] [illegible] [illegible]
[illegible] ab aure [illegible] [illegible] [illegible]
ab extrinseco [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
est [illegible] [illegible] [illegible] et [illegible]
et [illegible] corp[or]is motio [illegible] [illegible]
atq[ue] [illegible] [illegible] [illegible] [illegible]
humores in ea adiuuat [illegible] [illegible]
mala dispone[n]t [illegible] [illegible] [illegible]
[illegible], sicut p[atet] ex [illegible] et [illegible] [illegible]
[illegible] q[ue] [illegible] ex [illegible] [illegible] in [illegible]
cerebri [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
aliter [illegible] mouentib[us] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible]
[illegible] a [illegible] ex [illegible] [illegible] [illegible]
vel ex [illegible] et [illegible] [illegible]
[illegible] [illegible] in [illegible] [illegible] [illegible]
[illegible] fit surditas [illegible] [illegible] [illegible] in
[illegible] [illegible] [illegible] [illegible] [illegible]
et h[ec] pp [illegible] [illegible] [illegible] pp [illegible]
quia [illegible] [illegible] [illegible] [illegible] [illegible]
ex [illegible] [illegible] [illegible] [illegible]
ad cerebru[m] [illegible] [illegible] [illegible]
hos adiuuat si p [illegible] [illegible] [illegible]
[illegible] vn[de] dicit in [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
qr sicut [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] pp h[ec] [illegible] [illegible] [illegible]
[illegible] [illegible] dicit ibi [illegible] aures
[illegible] manifestat [illegible] [illegible] [illegible]
[illegible] et h[ec] pp [illegible] [illegible] audit[us] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
pp turbatione[m] [illegible] q[ue] [illegible] auditu[m].

[illegible] Ar[illegible] forib[us] et minus rap[illegible]
[illegible] med[illegible] nega[illegible] s[ecundu]m dic[it] Alb[ertus]. Item
[illegible] Ar[illegible] li[bro] 12 in co[m]mu[n]i via in
[illegible] ponit[ur] in medio capitis ro
tu[n]di q[ui]a aures non in bona p[ar]te certo
[illegible] undiq[ue] moru[m] et sonor[um] discre
tas apprehendit[ur] in a[n]i[m]alib[us] tu[m] q[ua]drupe
dibus q[ui] caput h[abe]nt inclinatu[m] ad terra[m]
et no[n] s[un]t elevati voc[es] s[un]t aures in su
p[er]iori p[ar]te capitis ut p[ate]z in bobus asinis
et in equis. Et mot[us] auricular[um] h[abe]nt
[illegible] s[un]t [illegible] p[ro]p[ter] elevat[ionem] s[ecundu]m [illegible] le
[illegible] movent in p[ar]tes [illegible] re
[illegible] sonu[m] recepcionis [illegible]. Et Ar[istoteles] [illegible]
[illegible] nullu[m] a[n]i[m]al o[mn]ia[s] h[abe]t auriculas
[illegible] vel ho[mo] [illegible] h[abe]t a[n]i[m]alia ta[men]
quasda[m] vias [illegible] et [illegible] volatilia
[illegible] auribus ex[terio]rib[us] h[abe]nt tame[n]
foram[en] manifestu[m] et via[m] apta[m] p[er] q[uam]
audit[us] p[er]fectissime celebrat[ur]. Et homo
[illegible] a[n]i[m]alia h[abe]t [illegible]
[illegible] s[ecundu]m [illegible] sic [illegible]
[illegible] quo ad audiendu[m] [illegible]
[illegible] et [illegible] p[ro]p[ter] [illegible]
[illegible] q[ui]a est [illegible]
[illegible] auribus ho[m]i[ni]s in magnitudine
[illegible] est [illegible]
et tard[illegible] [illegible].

c[apitulum] de naso

## Capitulu[m] de naso.

N[asus] [illegible] est [illegible] olfact[us] [illegible]
[illegible] nares dicit[ur] nasus. Na
[illegible] aut[em] [illegible] q[ui]a p[er] ip[su]m odor[illegible]
[illegible] spa[illegible] odo[illegible] [illegible] et et [illegible]
et odor[illegible] discre[illegible]. Un[de] [illegible] odo
[illegible] nares dic[untu]r [illegible]
[illegible] [illegible]
[illegible] nares s[un]t dicti. Nas[us] aut[em] duo h[abe]t
foramina s[ecundu]m Constant[inum] [illegible] quada[m] [illegible]
cartilag[illegible] [illegible] distincta et [illegible]

foramina [illegible] ad [illegible] [illegible]
[illegible] ad [illegible] [illegible]
ut [illegible] cerebro [illegible] et [illegible]
[illegible] odora[illegible] [illegible]
[illegible] adducat. [illegible] foramina [illegible]
[illegible] ad [illegible] a cerebro
[illegible]. Aliud [illegible]
et odoratu[m] p[er]tinet. Sunt [illegible] prope [illegible]
odorat[us] duo caruncule q[ue] p[en]dent a
naribus in modu[m] [illegible] q[ui]a
p[rim]o acceptu[m] [illegible] in se recipit et d[ei]n[de]
[illegible] ad anteriore[m] p[ar]te[m] cerebri transmit
tit[ur]. [illegible] caruncul[e] sunt nares
[illegible] [illegible] et [illegible]
[illegible] et [illegible] et tanto facil[ius] et
p[er]fecti[us] [illegible] in organis odoratus.
[illegible] a cerebro veniens illa duo
[illegible] nasi [illegible] et eis naturale[m] sp[iritu]m
administrat ut dic[it] Constant[inus] [illegible]
[illegible] aere p[er] nasu[m] attract[o] sp[irit]us a
nimalis se [illegible] illam
[illegible] in cerebro dic[it] [illegible] repre
sentat. Nasus igit[ur] s[ecundu]m Constantinu[m]
fuit [illegible] ad aere[m] [illegible] attra
hendu[m] et ad cerebru[m] p[ro]p[ter] sua[m] [illegible]
[illegible] et ad calore[m] [illegible]
in ventriculis cerebri temp[er]and[um] nec no[n]
ad discernendu[m] fumu[m] a [illegible] resolutu[m]
[illegible] suaviter aut fetent[illegible].
Et [illegible] s[ecundu]m Ar[istotelem] li[bro] 12. Olfact[us] est diu[er]sus
sic sensus [illegible] si ita no[n] [illegible]
[illegible] apud [illegible]. Et sensus olfact[us] no[n]
est [illegible] p[ro]p[ter] [illegible] aeris in a[n]i[m]ali
h[abe]nt nasu[m] et hoc cerebru[m]. S[ed] nasus
est in medio et in anteriori p[ar]te capitis.
Et p[ro]p[ter] hoc [illegible] nasu[m] in medio [illegible]
[illegible] sensibiliu[m] posuit q[ui] [illegible]
[illegible] aliis sen
sibus [illegible] igit[ur] breviter
ex predictis q[uod] nasus [illegible]
[illegible] organum [illegible]

et cuiuslibet inter odores discernatur
grossiores superfluitatum cerebri purgatiui
spiritus animalis [illegible] per attractionem
[illegible] et [illegible]. Et ideo dicit Con-
stantinus quod nares [illegible] ex [illegible]
et non ex [illegible] pulmonis, ut si frigidus
aer spiritus [illegible] pulmonem subito non
ledat. Et si quid [illegible] aere sicut puluis
uel fumus [illegible] pulmonem obstru-
[illegible]. Et est nasus ut dicit Gregorius
super Cantica faciei maximum ornamentum
ita quod eius [illegible] tota facies residua
dehonestatur. Debet autem dispositio nasi esse
mediocris, ut neque in altitudine longitudinis
et latitudine modum debitum non
excedat. Nam si nares fuerint nimis [illegible]
[illegible] et late multi aeris [illegible]
[illegible] protendit et [illegible]
Et dispositionibus [illegible] cerebri [illegible]
pronostica indicia de affectibus [illegible]
sicut dicitur in [illegible] physonomie. Nam acuitas
[illegible] semper [illegible]. Secunda acuitas
[illegible] sicut [illegible] album et [illegible]
[illegible] et [illegible]
Et ideo [illegible] dispositionis [illegible]
[illegible] designat sicut dicit Aristoteles phys. in
libro suo in [illegible]. Impeditur autem nasus in
suo officio sicut dicit G. super pronostica
[illegible] nares acute [illegible] propter debi-
litatem caloris [illegible] consumptionem
et acuuntur nares et profundantur oculi
in acutis [illegible] et [illegible]
[illegible] in naribus [illegible] sicut dicit G.
quia calor naturalis [illegible] quod non
potest se expandere ad extrema et ideo
quod spiritus et sanguis non [illegible] ad
extrema et ideo propter [illegible] con-
stringuntur [illegible] et coartantur et acu-

acuuntur narium quod est signum [illegible]
mortis [illegible] in patientibus [illegible]
impeditur nasus ut dicit Constantinus
[illegible] ex [illegible] mala dispositione
Aliquando ex [illegible] [illegible]
ex [illegible] fetidorum et corruptorum in ca-
uernulis narium repletorum [illegible]
[illegible] superfluitate et corrupte in fora-
minibus nasi [illegible] in polyposis
et leprosis. Et [illegible] sensus
olfactus [illegible] et [illegible]
Aliquando patitur ex nimio fluxu [illegible]
[illegible] defluentis et hoc uel ex
caloris dissolutione uel ex [illegible]
[illegible] sicut patet sepius in catarro. Aliquando
ex nimia repletione et acumine san-
guinis ora uenarum nasi [illegible]
de naribus fluit sanguis. [illegible]
fluxus maxime [illegible] in [illegible]
[illegible] causa est dissolutionis [illegible]
et [illegible] [illegible] et [illegible]
ut patet in acutis febribus per fluxum [illegible]
narium sepius [illegible]. Et in amphorismis
de [illegible] intus [illegible] [illegible]
sanguinis [illegible] naribus fluit bonum

Capitulum de genis

Gene sunt instrumenta odoratus [illegible]
[illegible] barbe [illegible] ut dicit Ysidorus
libro xi capitulo [illegible]. Genas [illegible] [illegible]
[illegible] [illegible] [illegible] quod de [illegible]
[illegible] a malis est dicte [illegible]
autem dicte [illegible] ad
[illegible] supponitur [illegible] autem sunt
male sunt que [illegible] rotunditate [illegible]
[illegible] quia [illegible] male appellan-
tur que sunt super maxillas [illegible] et a malis
diminutiue dicitur maxilla sicut a pallo
dicitur paxillus. Et sicut dicit Ysidorus [illegible]
[illegible] gene secundum Constantinum
[illegible] et [illegible] [illegible] et [illegible]

[illegible] de genis

[illegible] tenuo acuta st quantas qui [illegible]
[illegible] ne alia lateru si
[illegible] pp aliud parum. Gena uero st
nobile et carnose ut facit ossium et me
laginem aure et narium apparent
et ut organis sensibilibus sibi undique
adiacentibus suo calore fomentum ministra
rent et eo max. arcus supponitur
ad eorum protectionem / Et inde sensum
sunt sicce pp intutiorem adustionem
Calide st et carnose pp sibi instior
sensibilium vicinationem. candide sunt
et rubicunde pp ornatum facierum et bellam
compositionem. Maxime vero pulchritudo vultus
resultat ex genis et maxillis. Maxille
sunt [illegible] Constantinus potissime ordinate
[illegible] / que si fuerint multum rube
et mixte cum temperata albedine et in la
[illegible] mediocriter [illegible] calo
[illegible] complexionem et [illegible]
temperamentum. Si vero fuerint in colore
albe sine aliqua rubedinis admixtione
in sua pinguis [illegible] et [illegible]
[illegible] ostendunt defectus et [illegible]
[illegible] fuerint [illegible] in colore aut citrine
in [illegible] aut tenues et macilente [illegible]
significant [illegible] et caloris vel
[illegible] in colore. Si vero fuerint [illegible] livide
in colore et in sua a carnibus [illegible]
[illegible] et [illegible] in me
[illegible] vel [illegible] qui solum tota
[illegible] complexionem [illegible] vel ex
et affirmative contrariarum qualitatum.
Nam [illegible] affectiones pp subito
timore vel gaudio rubescunt subito vel
pallescunt ut dicit Constant. Barba
ut dicit Constant. facierum virorum est
ornamentum [illegible] apparens in [illegible] maxillis.

in vna parte et ad ornatum facie alia ad
maxillas ad [illegible]
Nam sua vilositate [illegible] maxillarum
tuetur [illegible]
la[illegible] [illegible]. Barba bi
gorus et caloris naturalis est iudicium
vel indicatiua quia viri et non mulier
barbescit quia masculi feminis naturaliter
sunt calidiores / Et in masculis fumus
qui pillorum est materia magis augmen
tatur / quia quod natura non sufficiebat con
sumere expellit per duo loca scilicet per caput
et per barbam. Unde accidit aliquibus mulie
ribus calide et humide complexionis quod
vel barbescunt. Ergo sit in masculo
[illegible] et [illegible] quam puer barbescunt
[illegible] non crescit barba / quia
[illegible] illa membra calidiora que
[illegible] humoris et fumi qui pillorum est ma
teria [illegible] / Ergo quod patet quod
barbe spissitudo caloris et humoris
[illegible] ac vigoris est iudicium et dif
ferentie sexuum certum experimentum
in pueris autem non crescit quia pars
illa calida est et humida que fumosa
superfluitas [illegible] capillorum et pillorum est
materia transit in augmentum et nutri
mentum puerorum. [illegible] Constant.
[illegible] pille barbe sic
et capilli in sua dispositione [illegible]
qualitatem vaporis et pinguis humoris
ex quo generatur quia si fuerit vapor fu
mosus calidus et siccus erunt pilli bar
be sicut et capilli crispi et in se reflexi
et [illegible] hoc accidit quia [illegible]
[illegible] partes terrestres
[illegible] ad [illegible] et calor
[illegible] ad superiores et [illegible]
pilli et [illegible] crispi pp [illegible] sua

Et hoc accidit propter humores patientium ... tenebrosos partis terrestris. Unde per ea ... in colore corrumpunt et inuolubitur ... si non fuerit vapor multum humidus ... pilli breves et longi. Nam humore deficiente lubricationis [illegible] ad pillos. Et propter hoc pilli et barbe illorum qui morantur in terra calida sunt breves. ... corporis est humidus et ... humidus. Et ... accidit in barbis ... et habitantibus in regionibus ... propter siccitatem aeris contingunt. ... alteratur color pillorum barbe ... et ideo canescit barba ... propter debilitatem caloris et habundantiam ... fluunt alii quam pilli barbe propter humoris et caloris interceptionem ut in castratis ... corruptione humoris. Ut patet in ... proficis ... sicut idem dicit ... casus pillorum ... fluentia foliorum arborum ... diminutio humoris ... et pinguis. Et in non fluunt folia arborum ... pinguis ... dicit ... libro ...

Capitulum de mandibulis

Mandibule a mandendo sunt dicte sicut dicit ... libro ... mandibularum autem quedam est superior, in qua dentes superiores ... quedam vero posterior ... inferiores radicantur. Et est proprium mandibule superioris, que ... fixa est et immobilis, excepto cocodrillo qui mouet mandibulam superiorem ... et fixa et immobile tenet inferiorem. Ut dicit ... libro ... Sunt autem mandibule ex ossibus ... et duris ... neruis et lacertis ... et hoc fuit necessarium propter motum continuum ... ut dicit Constantinus ... molis continue ad molendum cibum ... mouentis. ... mandibulle ...

dent ... particulis ... que ... dentes ... bellant ... propter fortitudinem ... xillarum ... fundamentum ... et ... dentium ad ministrandum ... dentium ... et dentes ... Ut dicit ... dentibus ... et nutriuntur. ... ad dentes ... et ... resistant ... dentes ... et laborum ... forte ... iuuant ... a lesione ... defendunt. Contingunt autem ... ex ... et ... ex putridine humorum ... et ... diuersas ... molestias et passiones ... dentium ... vel ...

Capitulum de labiis

Labia sunt ... a lambendo sunt dicta, quod autem superius est labium, quod vero inferius ... Sunt autem labia ut dicit Constantinus ... dentes ... Sunt autem neruosa et ex diuersa ... ut sit ad ... et motum ... ad ... formationem ... apperiuntur et clauduntur ... vel per aliqua ... vel ... alliqua ... fuit formanda. ... mollia sunt et carnosa labia et hoc propter ... et ... sunt ... et ... fuit ... minus ... labiorum ...

Color labiorum ... rubicunda ... Constantinus propter ... labiorum ... a calore sanguinis ... quodammodo ... qualitatem. Unde labiorum ... sanguis ...

... oris vbi[?] sicut et arborum ... superius est de sermonis virtute ... labia terminantur in sba ... ut sunt ... ad moui ... ad ... in interioris sua ... et labia ... se opponunt et ... dptaciu reddunt. Et linguis ... et ... ad ... hec dicit Constantinus. Sz ... eorum ... Rx ... ca tum[?] vbi dicit labia hominis mollia sunt et carnosa et spa ... pp salutem et custodiam dentium et ut ... ad ... sermonis. Vnde labia duo ... sicut lingua ... est ad gustandum et ad sermonem ... sicut ... dicit Ar ... Et ideo ... labia sunt ... ... que si ... lingue non esset talis dispositio labia non posset lingua ... ad de ... nos ... dam ... p ... lingue et ... labiorum et ideo ... labiorum ... Et pp hoc ... laborum[?] valde mollis ... est bonus ... et gustus ... alia animalia dicit ... li. 12. // Colligitur igitur quod labia ... dentium custodiam ... sua ... dentium ... et litteras formatiua ... vel ... vel ... sua ... vel ... passiona dicit odii. Et ... doloris et tristitie ... labiorum in ... et ... ut dicit in ... labiis ...

Capitulum de mento.

Mentum est dictum quia mandibullarum fundamentum eo quod in eo oris ... ut dicit ysy. Mentum autem ut dicit Constantinus duo sunt ossa et ipsa ... vbi dentes ... quadrupliciter ... partes ... ossium extremitas ... mandibullas vna est acuta cui ... ad ... dam ligamentum ... quod ... ostendit quod ... et ... est ... vt ... rotundam ... mobiles ut dicit Constantinus ... propter originem mandibullarum et dentium inferiorum radicem et pp voluntariam oris clausuram et aperitionem sunt et ... compositionem et perfectam ipsius vultus confirmat quod si fuit proportionatum ... tota ... facie et decorat. Hec omnia dicit Constantinus. ... maxima est fortitudo pp ossis ... et ... pp fortem dentium radicem. Et ideo bruta animalia ... mentum non ... Nam mento ... tota illorum ... et ... ut pz ... vbi dicit quod ... mentum ... et ... de ore eius ... hostis ... amoris et fidei ... est 2 reg. 21. ... mentum ... osculabatur eum etc.

Capitulum de ore

Os est dictum ... quod per ipsum ... hostium ... et ... foris ... ut dicit ysy. Os ... ut dicit ... est quod ... os ... quod pro ... Est autem os ut dicit ... multum ... et labiis ... et ... in ... destinat-

... mento
Ca. de ore

quod monstrat sine dentes, ut vox ab eis
transeat per intervalla et per linguam. Fuit
autem oris initium necessarium, 2° Constan-
[illegible] susceptionem; nullum enim
membrum in anima nutritur nisi prius
nutrimentum in ore suscipiatur. Os enim
[illegible] quod recipit in masticans et com-
[illegible] dispositum stomacho trans-
mittit [illegible] et propter hoc non fecit os humidum
interius [illegible] ut cibi [illegible] humi-
ditate facilius humectarentur. Fecit etiam
os nervosum et cartilaginosum et co-
ratum [illegible] ut saporem cibi fa-
cilius sentiret durum ne cibi asperitate
lederetur. Neque tamen nimis durum factum
est, ne induratis et nimia duritia
sensibilitas gustus impediretur. Con-
cavum autem et rotundum fuit interius
ut cibus assumpti facilius ibi intromo-
verentur et per dentes sine impedimento
[illegible] transducerentur. Item utile est os
propter aeris et spiritus attractionem. Aer enim
attractus per os superius gravitatem [illegible]
[illegible] et depuratus et subtilatus et sic ad cor-
dis refrigerationem per canales pulmonis
transmittatur, sine cuius refrigerio cor
[illegible] caloris incendio [illegible] et destru-
eretur. Item utile est propter vocis infor-
mationem; ad hoc enim est palatum oris con-
cavum ut plectrum lingue facilius moveatur
et ad vocem formandam expedite elevaretur
et deprimeretur. Item utile est ad [illegible]
superfluitatum a cerebro et pulmone [illegible]
[illegible] quibus per os [illegible]
oris [illegible] vitalis spiritus et [illegible]
[illegible] expellere [illegible]
[illegible] utile est propter [illegible] a sup-
plus [illegible]. Cum enim stomac-
[illegible] humoribus [illegible] per [illegible]
expulsiva per oris officium repurgatur,
sicut dicit Constantinus et Galienus [illegible]

amplio in vomitibus et [illegible]
que exponi sunt [illegible]
et [illegible] non [illegible]
os ut dicit Constantinus in [illegible]
aliis membris [illegible] infirmitatibus
patitur ulcera pustulas et [illegible] ex cor-
ruptis humoribus aliunde ad buccam [illegible]
tibus si rubeat [illegible]
[illegible] et caleat aut [illegible]
est atque rubea. Et [illegible] multum [illegible]
tanto molestius est et tumidius [illegible]
ad [illegible] vel [illegible]
[illegible] ulcera in ore lactantium
puerorum proveniunt ex [illegible]
lactis et eius corruptione. [illegible]
Constantinus [illegible]

## Capitulum de dentibus

Dentes [illegible] dicit [illegible] qui
omnia apposita dividentes ut dicit
Ysidorus. Et sunt dentes ut dicit Con-
stantinus quedam plantaria in ossibus
maxillarum et [illegible] quibusdam radicibus
infixi. Et sunt in maribus 2° Constantinus
32. [illegible] in maxillaribus sunt positi, quo-
rum in anteriori parte [illegible]
quadruplici et hii sunt lati et acuti
[illegible] a medicis [illegible] ad in-
cisionem [illegible] cibi sunt apti et [illegible]
in eis [illegible] in ore [illegible] et [illegible]
Sunt [illegible] et duo qui [illegible] sunt
dicti collaterales quadruplices in [illegible]
[illegible] acuti duros cibos [illegible]
[illegible]. Et dicit [illegible] ad [illegible]
[illegible] et [illegible] per ipsos ossa [illegible]
duntur. [illegible] dentibus sunt fortiores
[illegible] longiores et rotundiores
et [illegible] quibus [illegible]
[illegible]. Et [illegible] posteriores
[illegible] fortioribus ad [illegible] sunt.

[illegible] et utraque parte mandibule su-
[illegible] collaterales quadrupides
[illegible] lati atque grossi hii molares
[illegible] et ad molendum cibum sunt apti
[illegible] grossa sunt et comparata a [illegible]
in ore molle sicut ut dicit ysydorus.
Sunt igitur in superiori mandibula sedecim
dentes scilicet quatuor quadrupli et parvi et
duo canini et x molares. Totidem
et dentes uno collocantur in inferiori
mandibula seu mento. Dentes autem
primum ad unum et officium quadrifarie
dividuntur. Quidam enim sunt incisivi
et hii sunt quatuor duo superiores et duo in-
feriores qui alterutrum in incisionibus
[illegible] mutuo se contingunt. Quidam vero
dicuntur collaterales seu canini et sunt quatuor scilicet
duo inferiores et duo superiores se mutuo
collidentes. Quidam vero sunt molares [illegible]
decim scilicet superius et totidem inferius mutuo
se tangentes et ab aliis nuncupata [illegible]
[illegible] molle [illegible] dentes [illegible] sunt
in mandibulis radicati et [illegible]
[illegible] scilicet [illegible] anteriores scilicet qua-
drupli et parvi [illegible] furcula seu
radice. Canini duas scilicet radices. Mola-
res [illegible] ut dicit constan-
tinus. Dentium [illegible] diversi [illegible]
[illegible] Nam in viris plures in feminis
pauciores inveniuntur ut dicit Constantinus
et ysidorus. [illegible] dentes [illegible]
[illegible] dicit [illegible] libro 10 [illegible] dentes
[illegible] non [illegible]
[illegible] dentes [illegible]
[illegible] dentes [illegible] sunt albi [illegible]
[illegible] 19 [illegible]
ab hac [illegible] dentes [illegible] dicit
[illegible] proprium [illegible] magis
albescunt [illegible] utraque [illegible]
[illegible] multorum dentium [illegible]
sunt vite longioris quam non paucorum sunt

dentium et separatorum sunt vite brevioris.
Item idem [illegible] animalibus [illegible]
[illegible] animal [illegible] dentes [illegible] non
[illegible] dentes anteriores
non molares et hoc contingit [illegible]
[illegible] et radicum debilitatem. Molares
autem non [illegible] et est [illegible]
in aliis animalibus que non [illegible] aliqui
dentes [illegible] alter sibi [illegible] in loco pri-
mitus oriatur. Item dicit [illegible] libro 12 dicit
[illegible] animal caret dentibus in superiori man-
dibula est [illegible] et [illegible]
autem animal dentes in utraque mandibula
[illegible]. Item idem libro 12
[illegible] et [illegible]
est et [illegible] ut materia [illegible]
[illegible] in quibusdam animalibus ad partem
superiorem scilicet in dentes et [illegible]
[illegible] et in quibusdam in cornua, et
propter hoc non potest habere dentes in utraque man-
dibula animal habens cornua. Item idem
libro 10 dentes solummodo inter alia [illegible]
[illegible] animal et hoc manifestum est
in dentibus [illegible] et declinantibus
a locis suis contingentibus [illegible] et [illegible]
[illegible] propter [illegible]
[illegible] non [illegible]
dentes animalium [illegible] multum
et [illegible] dentibus magis. Et propter hoc
[illegible] est natura et aggregantur den-
tes ad [illegible] propter [illegible] et [illegible]
[illegible] durant per [illegible]
semper dentes [illegible] plures [illegible]
[illegible]. Item dicit idem libro
Dentes qui oriuntur inter gingivam non
oriuntur in [illegible] nisi post
xx annos et forte in quibusdam mu-
lieribus post lx et ergo [illegible]
maximo labore. Item idem libro 19 dentes
[illegible] oriuntur [illegible] dentibus

acutis indigetur ad abscisionem cibi sibi
previi quae subtilis est sibi abscondendo cibum
quod mollius est et ideo etiam citius casus
minores sunt quia origo minoris
caloris est et calore cum creatur
maioris. Item calor lactis facit oriri
dentes cito et propter hoc est quod pueri lacta
tes calidius nascuntur in eis dentes citius.

¶ Item dentes [illegible] durum dentes na
scuntur in osse tenui et debili et propter hoc sen
doloris [illegible] dixi. Ad hoc dicit
Constantinus in viatico particula 2a. Den
tium magnitudo est iuvamentum et cum in
nascuntur magno in corpore ornamentum
corporis ideo patiuntur quae in patientibus accidunt
corruptiones quorum passio est diversa cuius
adversitatis pars est visui manifesta sicut
putredines, fractiones, rupture, perforatio
nes, motiones, casus, lividitas et
fetida; pars vero non apparens est et occulta
sicut quando dentes nimium dolent, quamvis
exterius sani appareant. Causa autem talis
doloris est humor a capite descendens
vel a stomacho in fumositate ascendens vel
humores acuti in gingivis et tunc dolo
res nimii cum saltu et pulsu sentiuntur
propter maliciam humorum et acuitatem. Et si non
gravitas est in capite dolor sentitur in
capite et calor et in facie rubor ex san
guine vel colera cum radices dentium de
scendentes. Si autem fiat a stomacho dolor sen
titur in stomacho et assidua eructuatio
[illegible] et eructuant dentes et alii pre
[illegible] alii corrumpuntur et alii ex humoribus
et in [illegible] [illegible] nigri colorem
mutant [illegible] omnia ex corruptione et [illegible]
humoribus ex malis cibis per [illegible] ad
ligamenta dentium descendentibus accidu-
[illegible] dentes et alii moventur et ca-

motus humores sunt in [illegible]
[illegible] acuti [illegible] est [illegible]
[illegible] efficit et [illegible]
Et si humores fuerint in [illegible]
dolor gingivarum [illegible] ad [illegible] sensibiles
corrodit [illegible]. Obtupescunt [illegible]
et exacerbescunt ex humore [illegible]
nes vel ex nervis sensibilibus [illegible]
dormitare et ledunt ex multa [illegible]
sicut ex nive vel glacie [illegible]
tium constringuntur. Item dentes [illegible] cadunt
ex nimia humiditate ligamentum dentium
relaxante, quae ex nimia [illegible] ut
in senibus quorum dentes [illegible]
sunt [illegible] dillabuntur. Has et multas
alias recitat Constantinus dentium passiones
Ex hiis sufficiat [illegible] colligere [illegible] ex pre
dictis quod dentes in [illegible]
fundamentum [illegible] radicum [illegible]
dicunt albiores ceteris ossibus [illegible]
propter suam duriciam [illegible] non [illegible].
Substantia [illegible] dentium [illegible] passibilis
non in sensibilis ut dicit Constantinus. [illegible]
dens [illegible] nulla dolore patitur [illegible]
[illegible] et dollet propter nervum sensibilem
qui in eius radicibus [illegible] et [illegible]
Dentes [illegible] inferiores [illegible] colligantur
et [illegible] [illegible] dentes [illegible] et [illegible]
in [illegible] radicantur [illegible] vel intra [illegible]
ipse patiuntur. Clausi sunt labiis ut [illegible]
[illegible] non apparent nisi
[illegible] propter risum. Item superiores ad in
feriores [illegible] et sibi [illegible] mutuo
[illegible] et si inferiores [illegible]
superiores [illegible] et immobiles [illegible]
ordinate [illegible] ad informa
tionem articulationis vocis maxime coop
erantur toti corpori [illegible]

de lingua ca.

Capitulum de lingua

Lingua [illegible] cibum est dicta [illegible]

[illegible] tatis sonus [illegible] ligat dic
[illegible] es fit illud lingue dentibus
[illegible]. Est autem lingua [illegible] quod [illegible]
et [illegible] ut dicit Constantinus et apost[illegible]
[illegible] fuit [illegible] porrosa et spon
giosa et nervosa. Est autem nervosa propter
sensum et motum, porrosa ut sapores
sapor venientes ad ipsam faciant gustum.
Ad eam veniunt multe vene sanguine
plene, unde rubicunda est in colore. Cer
tis [illegible] panniculis quibus spatium [illegible]
et palatum videntur et uelut a superiori
parte [illegible] ab inferiori autem parte [illegible]
ad ligamenta quibus nervo est [illegible]
[illegible] lingue et sensibilis nervi quibus
[illegible] recipit sensum et motum apparentibus
[illegible] in quibusdam autem
[illegible] ut dicit Constantinus [illegible]
[illegible] oportet [illegible] ut [illegible] in diversas
partes moveatur, unde oportet [illegible] liga
menta ut sibi motus per totius [illegible]
spatium amplius. Passiones eius acci
dunt multe vel in substantia ipsius vel in
nervis ad eam venientibus ut in tractatu
[illegible] Constantinus. Lingua aliquando perdit
motum voluntarium unde et usum dicti
onis [illegible] est ex defectu virtutis
motive ex cerebro venientis vel ex
nervo opilato [illegible] virtus [illegible]
[illegible] aliquando ex apostemate vel ex pu
stulis accidentibus in lingua. Aliquando fit
[illegible] in substantia lingue sicut in
[illegible] ex qua est sensibilis
distemperantia ex nimio calore frigi
ditatem et siccitatem vel apostema
vel tumor [illegible]. Si lingua [illegible]
[illegible] tumida fit [illegible] caloris [illegible]
[illegible]. Si [illegible] alba frigiditate. Si mol
lis humiditate. Si sicca et aspera siccitatem.

Et omnia talia [illegible] lingue impe
diunt usum vel tollunt in toto vel in
parte. Si autem lingua sana videtur
nullas [illegible] loquela sit
ablata ex cerebro est defectus vel ex
nervis sensibilibus opilatis. Aliquando
est loquela perdita ex perdita mente
ut in freneticis et lingua [illegible]
[illegible] Constantinus in tractatu alios
designat defectus lingue. Constantinus
in pantegni ubi dicit accidunt pu
stule late et extense in pelliculis ex
terioribus lingue sicut accidit pu
eris malo sugentibus lac. Et sunt quedam
albe quedam nigri coloris. Accidit et
apostema lingue cum magnitudine et
ab ore exire faciens et vocatur [illegible]
lingue. Aliud etiam est genus apo
stematis lingue quod ranunculus vocatur
eo quod sicut rana nascitur sub lingua et
aufert usum lingue, unde rana muta
dicitur ab effectu. Est aliud apostema lingue
sanguinolentum unde tota lingua [illegible]
et loquela una cum gustu impeditur.
Ex vitiosis eius humoribus in lingua do
minantibus sensus gustus corpus in
mutatur ita ut dulcia amara et sa
pida insipida iudicantur et econverso ut dicit
Constantinus. Item dicit Galienus super
amphorismos quod accidunt lingue bal
butiones ex nimia humiditate in senibus atque
ut [illegible] sicut est videre in ebriosis
qui balbutiant quod cerebro nimio hu
more perfunduntur. Unde dicit idem
Galienus [illegible] balbutientes vel
propter nimias [illegible] balbutiunt [illegible] vel
propter lingue humectationem vel propter utraque
[illegible] superflua humiditas est causa.
Quod aliquando efficiuntur rauci quod verbis aliquo

proferendo pot. s. l. pro r. vel e. pro r.
proferendo et hoc patet in infantibus qui mul
tas litteras corrumpunt et eas proferre non
possunt. hec enim dicit Galienus super 1ᵐ amphorismorum
pparatur male adiacentia mas rapiunt
longam que minima iuncta est tali quod est ca
tulizantis reducit ad sonum et istima
et super lebriorum medium dyamidis i. flu
xum ventris sicut ibi dicit Galienus
Item dicit Constantinus in pantegni quod in
lateribus lingue sunt quedam
vene que saliuam lingue administrant
hec ab initio lingue incipiunt a quibus
emanat quedam humor flaua que sali
ua appellatur. Unde iste vene appellantur
arterie saliuales sive humectatiue
saliuales humor fontis aut lingue
Unde exeunt hec vene est caro glando
sa et alba ipsius saliue generatiua que
humectat linguam et temperat siccorum
siccitatem et augmentat eorum humiditatem
sicut ut postea dicetur. Item dicit
hoc ... Et oues aliquae sub lingua habent
venas albas et iste faciunt fetus nigros
et aliquae varias et ille procreant filios
varios etc. Colligitur igitur breuiter
ex iam dictis quod lingua est substantia car
nosa sanguinea et porrosa influentie
spiritus receptiua in complexione callida
et humida in dispositione tenuis et ob
longa anterioris partis gladij similis
in colore rubicunda loco graui et hu
mido sita admodum similia vocis
informatiua saporis discretiua per
emissionem saliue ores humectatiua
compositionem aer sit protectiua dentibus
et labijs quasi muro duplici circum
scripta in diuersis animalibus quod ad figu
ram sicut colore varia enim in quibusdam

est breuis et grossa in quibusdam ...
Sicut etiam ... habent linguam ...
grauiorem et corpus ... Quidam ...
habent linguas medicinales et saluti
feras et hoc vel ex natura bonitatis
vel ex alia aliqua proprietate ut li
canis ut dicit Cassiodorus. quidam
vero habent linguas mortiferas propter ma
litiam et fumositatem humorum in eis do
minantium sicut lingua serpentis dra
conis et rabidi canis cuius malicia
est summe venenosus cum lingua sua
apprehenderit os et distillat venenum sicut
sicut aquam in quam cadit et quam si quis
biberit efficitur rabiosus ut dicit Auicenna
et Constantinus in tractatu de venenosis
sis animalibus et venenis. Unde de spiritu
lingue 2ᵘˢ dicitur ... nigre sunt
sicut liuide sicut strutio et macrosi
acuitae et in motu velocissime et
hoc contingit per humorem siccum
et venenosum qui cum velocitate
linguam agitat in una naturaliter ...
rata vibrat linguam in aspidibus quae
in corpore serpentis sponte sua extendi
sit venenum mortifero separata sit
a corpore et desiccata enim multum valet
Et venenum suum per os suum prodit vn
in puncta venenum in sudore proui
per confusionem vnde tales linguas volatilis
vtiles et preciosa reputantur ...
sauros regum ... quibus per os suum
venenosum

Capitulum de saliua

Saliua est humor flauus ex iacentibus
venis lingue generatus ut dicit
Constantinus. Est autem saliua humida
in colore alba et ex grauitate mo...

Ca de saliua

[illegible] est mixtio spiritualium spumosa [illegible] actuale insipida [illegible] potentia [illegible] est omnium saporum in se receptiva [illegible] et alium [illegible] saporis differentia susceptiva naturaliter est aliorum susceptiva. Et secundum Constantinum saliva instrumentum gustus et eius obiectum est medium, nichil enim sentit gustus percipitur nisi cum sapore [illegible] saliva gustus organo presentetur. Unde ipsa saliva secundum qualitatem saporis rei gustate immutatur [illegible] aut [illegible] ut dicit Constantinus ad omnis humectationem ut saliva [illegible] [illegible] Item propter primam digestionis preparationem cibus enim [illegible] in ore assumptus non utiliter stomacho mitteretur nisi saliva media prius humectaretur, quia sine salive admixtione nullo [illegible] non de facili transglutiretur. Item utilis est ad [illegible] superfluitatis cerebri et pulmonis evacuationem [illegible] calidi commotionis calloue vel [illegible] indurant aut [illegible] non [illegible] de facili per oris officium extraherentur nisi primo eorum humoris salivales adiutorium [illegible] ad exitum pararentur. Item saliva hominis ieiunii habet quandam virtutem latentem infectionis, unde sanguinem [illegible] videtur, si inde aliquo vulnere sanguini admisceatur. Ut dicunt predicti auctores [illegible] tractatu de venenis. Et hoc forsitan est ut dicit [illegible] [illegible] humor crudus sanguinis prout [illegible] digestio in suis qualitatibus repugnat, et [illegible] ut dicunt auctores perturbat [illegible] hinc est quod dicit et [illegible] a plinio quod saliva [illegible] sputi hominis inficiat serpentes et venenosis animalibus est venenum. Sic dicit super illud verbum in [illegible] Ipsa conteret caput tuum, et tu insidiaberis calcaneo eius Genesis 3o. Item sicut dicit Galienus in amphorismis [illegible] sanies sputo fit ptisis et fluxus et nisi saliva [illegible] moriuntur ptisici propter ulcera pulmonis semper tussiunt, et a superfluitate saniei [illegible] spuendo se exonerant prout possunt, sed tunc mors imminet quando non spuunt, quia retenta [illegible] saliva cum sanie spiritus intercludunt et sic ptisici suffocati moriuntur. Item sicut dicit Galienus in libro de [illegible] inter sputum et salivam est differentia. Nam saliva est superfluitas nutrimenti pectoris et generatur digesta. Sputum vero est id quod advenit ad pectus secundum diversitatem cursus naturalis et cursus preter naturam nec est semper digestum, et ideo sputum in acutis febribus et apostematibus si leviter fiat cum [illegible] sanguinis digestionis et sine tussi laboriosa fortitudinem signat virtutis et defectum morbi sicut dicitur in pronosticis.

29o Unde secundum Galienum et alios auctores commentatores videlicet in salive sive sputo tria considerant generaliter scilicet colorem odorem et saporem, quia si sputum fuerit in colore lividum sordidis et spiritualium designat lesionem. Si vero sanguineum cum sanguine admixto designat ulcerationem pulmonis. Si vero fuerit in odore fetidum interiore signat corruptionem. Item si sapore fuerit amarum vel acidum humoris corrupti in stomacho vel pulmone sive in ipsa lingua signat dominationem. Item si sputi habundantia sig[illegible] est flatici [illegible] et in senibus solent sputa habundare [illegible] et [illegible] propter intensionem [illegible] et [illegible]

fere dissolutionem huius solidi.

Capitulum [illegible] vox

Vox est aer tenuissimus ictus plectro
lingue formatus ut dicit Constantinus
et Priscianus. Organa autem vocis siue instrumenta sunt
multa ut dicit Constantinus scilicet pulmo
arteria guttur uvula os dentes la-
bia atque lingua sine enim istorum mi-
nisterio vox non formatur. Et horum
quedam sunt vocis receptiua sicut pul-
mo cum suis concauitatibus et canalibus.
Quedam vero sunt vocis ordinatiua sicut
uvula que vocem secundum Constantinum pul-
chram reddit et fortem quam aliquando subtra-
cta habet proporcionalem aeris [illegible] intro-
missi temperat et [illegible]
ossa intrat prohibet et inflammationem a
receptione et pulueris gutturis et ar-
terias prohibet et consumat. Quedam
vero sunt vocis emissiua ut canales
pulmonis et arterie que cum sint
quedam fistule que si fuerint humore me-
di[o] et temperate dulcem et temperatam
ac equalem reddunt vocem. Si vero
fuerint aspere plus debito et si fuerint
late vel stricte aut discordes nimis
grauem aut exilem dissonam et feda-
lem emittunt vocem. Ad formationem
igitur vocis aer in folliculis pulmonis
recipitur et per ordinatum arterie [illegible]
motum per os emittitur. Unde ex velo-
citatis commotione et organorum vocis
extensione sonus redditur. Qui in
ore articulatus profertur et plectro lingue
formatur unde a [illegible] dicitur. Hec
usque Constantinus in pantegni. Unde [illegible]
libro 4. pulmo est vocis recepta-
culum et ideo dicunt causa pulmonis
carent voce ut locusta loquuntur [illegible]

que vox est unde de [illegible]
lingua absoluta sic [illegible]
ut dicit idem vocis et [illegible]
tenere vox facilis [illegible]
lando extenditur [illegible] alias
aere [illegible] alias et corpus.
Et sic consistit et hec probatio est
quod cum aliquis sonum faciens consistit in solido
set tamen in [illegible] vox
profecerit et [illegible] lingue sic appli-
catur ori suo et que lingua [illegible]
[illegible] pulmonis absolutum [illegible]
propter hoc vox [illegible]
non facit vox nisi in aqua [illegible]
propter masculus [illegible]
mat [illegible] per vocem [illegible]
na [illegible] multiplicat vocem [illegible] posue-
rit mandibulam inferiorem in aqua
et extendit superiorem per extensionem
[illegible] mandibularum [illegible]
propter nimium conatum extensionis [illegible]
[illegible]
[illegible] plus [illegible]
tur est [illegible]
[illegible] plus [illegible]
[illegible]
[illegible]
est in illo tempore [illegible] gallus
[illegible]
[illegible] est quod masculus dat vocem [illegible]
[illegible] gallus et [illegible]

Loquitur [illegible]
[illegible]
[illegible]
[illegible]
[illegible] vocis et [illegible]
[illegible] vox [illegible]
est [illegible]
est in [illegible] alteratam
vocis et [illegible] alterat [illegible]

[illegible] ante [illegible] mutatur vox in pu-
bertate et est significatio vocis ad
[illegible]. Item ibidem sicut in principio
[illegible] et vox eorum est maior. Similiter
et femine vox tamen vox sua clarior
est. Item similiter voces masculorum
mutantur quando coniunguntur. Et dicit libro [illegible]
f. vocis omnium animalium mutatur quando
[illegible] mutantur quando castrantur
et efficiuntur sicut voces [illegible]. Et
libro 19 f. dicit causa acuminis et al-
terationis est alteratio status quia
vox iuvenum animalium est acutior [illegible]
[illegible] et mulier [illegible] et voces
omnium animalium sunt acutiores in iu-
ventute. Item idem mulieres [illegible] et
multi iuvenes [illegible] vox acuta
quia propter debilitatem movet parvum aerem
et quod est parvum movetur velocius. [illegible]
velox est acuta. Gravitas autem vocis
sequitur tarditatem et aer multus mo-
vetur tarde. Maiores autem et fortes mo-
vent aerem multum et ideo sunt graviores
vocis. Nervos autem et arterias habent
fortiores masculi quam femine et senes
quam parvuli, et non castrati quia castra-
ti propter debilitatem nervorum, sicut bo-
ves castrati [illegible] boum feminarum [illegible]

¶ Harum [illegible] vox vero [illegible] clara
[illegible] flexibilibus, mediocriter acuta et [illegible]
mediocris est laudabilis. Sic [illegible] vox
[illegible] rauca et aspera, debilis et
[illegible] gravis vel acuta est
[illegible] sicut [illegible] discordia
et inordinata multarum vocum con-
fundit armoniam. Vox itaque consona
dulcis et ordinata est [illegible]
et animos excitativa, passionum au-
[illegible] vigoris et virtutis organorum
spiritualium protestativa, puritatis et vo-
cis [illegible] ostensiva, laboris
sublevativa, tedii seu fastidii ablativa,
[illegible] et [illegible] discretiva, gaudii et lau-
dis [illegible] affectionis [illegible]
[illegible], sicut de [illegible] dicitur in fa-
bulis quod [illegible] sua modulatione nemora
et [illegible] movebat et [illegible]
[illegible] et est vox composita non consona et cava
in cantu quod [illegible] delectat homines. Item
et bruta animalia, quod patet in bobus quos
cantu [illegible] dulci sono potius quam stimulo
ad laborem excitant. Volucres
et in dulci vocis modulo delectantur
[illegible] sepe per [illegible] sonum ad laqueos
et pericula ab aucupe provocantur. Iuxta
illud poeticum: Fistula dulce canit vo-
lucrem dum decipit auceps. Sic per dulces
voces et cantilenas et armonias
multas infirmi et amantes et
[illegible] ad sensum revertuntur et sanitatem
corporis sepius recuperant. Unde Constantinus
in viatico particula prima capitulo de amore quem
dicunt heros sic dicit: Dicunt autem alii
quod Orpheus dixerit imperatori ad qui-
nam me [illegible], ut ex me sic delecteris(?),
ego tamen delector ex ipsis [illegible]
[illegible] florent; possum de ira ad man-
suetudinem, de tristitia ad letitiam, de ava-
ritia ad largitatem, de timore ad au-
daciam. Hec est ordinatio mediocris
[illegible] sanitatem [illegible]
consona [illegible] demones
[illegible] et [illegible] corporibus [illegible]
[illegible] ut patet in Saule in quo spiritus immundus
[illegible] cogebatur
[illegible] 17 [illegible] patet
[illegible] dulcis. Ergo
autem est de voce [illegible]

[illegible] sufficit et gustat et [illegible]
[illegible] vocat. vt Constantinus [illegible] in [illegible]
dicto sit interrogatus quidam philosophus quare
homo invisibilis creatur et quod [illegible]
pondus talis [illegible] homo [illegible]
invisibilis ponderis [illegible] [illegible]
de non bona et mala [illegible] sustinere
nam de [illegible] non [illegible] [illegible]
est [illegible] de lingua [illegible] dicit [illegible].

de gutture

## Capitulum de gutture

Guttur est [illegible] canalis pul-
monis ut dicit Constantinus
et est duplicis [illegible]
et primus est ut aer [illegible] et emittat
secundus est ut cibos interius trahat et ut
vocem faciat. huius canalis substantia car-
tilaginosa est atque dura ut [illegible]
[illegible] vox emissa fiat clara. Nam rau-
citas vocis fit ex huius canalis pulmonis.
Componitur autem ex tribus cartilaginibus.
prima est interius gibbosa et exterius
concava. secunda potius est maior et [illegible]
[illegible] os stomachi collocatur. tertia cartilago est
media inter primam et tertiam. Ex istis carti-
laginibus quasi quedam continuatur guttur
componitur ut dilatet et constringat. In-
duitur tota substantia gutturis eisdem pani-
culis quibus lingua induitur et palatum.
Concavitas autem gutturis quam aer
intrat et exit [illegible] quoddam corpus lin-
gue [illegible] componitur ex glandulis et pingue-
dine et [illegible] et [illegible] a medio
lingua gutturis [illegible] [illegible]. et
est propter vocis ut dicit [illegible]
[illegible] vox [illegible] est [illegible] clauditur
ista [illegible] et si [illegible] gutturis fuit
apta [illegible] est vocem esse [illegible]
paulatim exit [illegible] gutturis [illegible]
[illegible] [illegible] [illegible]

[illegible] gutture que [illegible]
a [illegible] descendit [illegible]
[illegible] et tussis [illegible] ab [illegible]
[illegible] et fieri a [illegible] [illegible]
pulmonis [illegible] [illegible] [illegible]
ne pulvis vel [illegible] aliquid [illegible]
valeat [illegible] [illegible]
vocem facere [illegible] [illegible] et [illegible]
[illegible] et [illegible] tempore [illegible]
quidam moritur qui [illegible] eius [illegible]
que [illegible] [illegible] aer gutture et
pulmone infrigidatur [illegible]
[illegible] vocis informationem [illegible]
[illegible] et postea [illegible] [illegible]
[illegible] in stomacum inducuntur [illegible] longum
est et rotundum ut [illegible]
ad infrigidationem caloris [illegible]
facilius attractum et repulsum [illegible]
autem in utraque [illegible] magis [illegible]
[illegible] et in medio magis [illegible]
ut sic sit vox magis informata
[illegible] diversis cartilaginibus
in [illegible] [illegible]
ut fortius [illegible] [illegible]
[illegible] cartilaginis ad [illegible]
[illegible] facilius [illegible] [illegible]
[illegible] [illegible] [illegible] gutturis [illegible]
[illegible] duplex [illegible]
[illegible] [illegible] [illegible]
[illegible] ad aerem [illegible]
[illegible] [illegible] ad
cibum [illegible]
[illegible] [illegible] [illegible]
[illegible] in [illegible]
ad utraque foramina [illegible]
[illegible] [illegible] cibus [illegible]
[illegible] foramina [illegible] foramina
aliud ad [illegible]
[illegible] aer [illegible] [illegible] [illegible]
[illegible] aliud gutturis [illegible]

[illegible] [illegible] venit et observat. Cotig[illegible]
[illegible] multipl[illegible] pan[illegible] p recumentia
[illegible] seu qualibusque lesione [illegible]
[illegible] [illegible] ut per supra[illegible]
[illegible] intraverit per meati per
[illegible] aeris via spus et [illegible]
[illegible] excludit et aial suffocat [illegible] pp
humorum fluxu et reumatizationem
contingit [illegible] humores a capite ad [illegible]
nalia gutturis influit et ibidem facit
apostema. Quod si materia fuit collecta et
fumosa [illegible] mortificat aial et suf
focat. Nam ut dicit Constant[illegible] angu
stat flatum ita quod infirmus cibum
[illegible] vel potum recipere possit [illegible] dolo
rem patit nimium. Et dum fuit
materia sanguinea ferventius apparet
[illegible] in [illegible] et rubet in facie
[illegible] est plenus plenius pulsus humor
calidus et dulcis ex habundantia
sanguinis sentitur gustus. Et [illegible] ex co
lera tunc dolor est fortior angustia
nimia [illegible] major et vigilia amar
[illegible] est in gustu. Et dum fit ex
flatu [illegible] dolet [illegible] tumet lingua
et molestat. Et ex salso flegmate amara
saporat in gutture tamquam salsa
et vox patientis [illegible] sicut [illegible]
[illegible] [illegible] salsi flatus
trachea arteria vocatur ut dicit Con
stant[illegible]. Contingit autem [illegible] [illegible]
[illegible] tota [illegible] [illegible] in [illegible]
[illegible] [illegible] via aeris quod dicitur
trachea arteria a [illegible] per quam tran
sit cibus quod dicitur ysophagus et facit
squinantiam que in [illegible] [illegible] [illegible]
[illegible] [illegible] trachee arterie [illegible]
[illegible] aeris [illegible] transitus [illegible]
[illegible] [illegible] ysophagus cibos transitus
[illegible]. Quando colligit materia [illegible] intra

et parti ex [illegible] [illegible] squinantia [illegible] non
est ista mortifera. Cum tota materia
est [illegible] et dicitur squinantia et est [illegible]
nimius mortifera. [illegible] periculosa [illegible]
[illegible] est [illegible] dolor gutturis
[illegible] in [illegible] de suffocatione
vocis. Est etiam difficultas spirandi et re
spirandi [illegible] [illegible] [illegible] [illegible]
squinantia ita quod maxille spasmantur
quod [illegible] et cum [illegible] possunt [illegible]
[illegible]. Et [illegible] [illegible] quod [illegible]
[illegible] [illegible]. [illegible] morbis
gutturis [illegible] bonum signum est [illegible]
[illegible] aspera [illegible] et respiratio quia
trachea arteria [illegible] non minimum est quod [illegible]
[illegible] non ita [illegible] suffocatio. Nichil
[illegible] ita [illegible] in hac passione sicut
amissio vocis a quo non potest aial per
[illegible] [illegible] horis sine periculo ab
stinere. Hec et multa alia ut dicit
Constant[illegible] patitur guttur scilicet [illegible]
et inflamationem [illegible] immoderatam vocis
[illegible] ex [illegible] nimia arteria gut
turis infunditur [illegible] et vocis
asperitatem ex siccitate aeris vel corpus
[illegible] vel pulveres [illegible] loquendo
exasperante.

Capitulum de collo

Collum est dictum [illegible] quod rigidum sit
et rotundum caput bajulans et sub
stentans [illegible] pars anterior gula posterior
[illegible] cervix vocatur ut dicit Ysidorus.
Cervix autem est dicta [illegible] quod per illam partem
cerebri ad medullam spine dirrigitur
[illegible] [illegible] via cerebri dicitur ut dicit
Ysidorus. Est igitur collum membrum rotundum
inter caput et corpus medium et est
[illegible] ex multis ossibus et [illegible] compositum
[illegible] [illegible] est ut [illegible] [illegible] ad caput
sustentandum [illegible] est ad
motum voluntarium [illegible] et sensum

de collo [illegible]

Ad inferiores partes corporis dirigitur. Colli enim influentia virtutis motive recipit a cerebro et eam susceptam et receptam ad inferiores partes corporis nervis mediantibus transfundit. Debet autem collum convenientem quantitatem et proportionem ad caput [habere]. Nam si femina capite est tempore magna et maior [illegible] collum grossum breve [illegible] complexionis et dispositionis et dicit Constantinus [illegible] caput parvum et collum magnum [illegible] collum non proportionatum habundantiam signat materie superflue et [illegible] informationis defectum. Et huius caput semper [illegible] infirmitate et [illegible] dolore fatigatur ut dicit Constantinus. Secundum Aristotelem [illegible] colli dispositio variatur in animalibus et in volatilibus. Nam in quadrupedibus spissi corporis et [illegible] collum curtum est et grossum, et huius animalis plurima est fortitudo ut patet in bobus et bubalis et ursis et lupis, quorum magna in spondilibus colli fortitudo est. Et ideo solent boves per colla iugorum vinculis alligari. Animalia vero longioris cruris et grossioris corporis solent esse longioris colli et hoc propter necessitatem pastus ut patet in equis camelis cervis et huiusmodi. Maxima autem equi pulchritudo in collo est. Nam secundum eius erectionem et spissitudinem et [illegible] extimantur a pluribus [illegible]. Item secundum Aristotelem in volatilibus aves habentes curva crura collum habent curtum ut patet in accipitribus et aquilis et huiusmodi. Que vero [illegible] crura longa habent collum longum ut patet in gruibus ardeis et [illegible] acquirendo sibi cibum de profundo. Et

[illegible] aves autem [illegible] collum grossum et [illegible] collo. Et si habent [illegible] illud et si [illegible] in volucribus [illegible] aves sunt longi cruris erit longi colli et econtra. Item [illegible] animal habens pulmonem habet collum, tale animal vero quod non [illegible] habet collum. Animalia autem [illegible] corporis non habent collum distinctum a corpore sicut [illegible] pisces et hoc [illegible] non [illegible] collum nisi membrum quod est inter caput et spatulas, ut dicit Aristoteles [illegible].

## Capitulum de humeris

Humeri sunt dicti qui [illegible] ad defensionem hominis [illegible] ut [illegible] humeros [illegible] ut dicit Isidorus [illegible] dicuntur humeri ex [illegible] ossibus [illegible] quorum [illegible] due spatule [illegible] spatha [illegible] ut dicit Constantinus [illegible] ut [illegible] quod [illegible] patitur ab [illegible] et [illegible] que [illegible] gibbosa erat [illegible] ut [illegible] ossa [illegible] quod [illegible] ex [illegible] sicut [illegible] corporis [illegible] a posteriori [illegible] et [illegible]

[illegible] q[uae] indiu[m] spatula [illegible]
[illegible] q[uae]cu[m]q[ue] [illegible] sup[er]iori [illegible]
[illegible] ossa [illegible]
[illegible] post [illegible]
[illegible] facit [illegible]
[illegible] ligatur [illegible] dextr[a] [illegible]
facit. Horu[m] ossa [illegible] sunt rotu[n]
da [illegible] grana et [illegible]
[illegible] pectoris colligata [illegible]
[illegible]. Sunt aut[em] [illegible] ligamenta
ossa cartilaginosa que vocant[ur] spa
tularu[m] capita ad [illegible] posita [illegible]
[illegible] armor[um] [illegible]
[illegible] et armi [illegible]
[illegible] ad spiritualiu[m] membror[um] defen
sionem. Item ad brach[iorum] [illegible] et [illegible]
[illegible] ossium pectoris [illegible] et
colligatione[m]. Item ad ossium et spondi
lium colli supportatione[m]. Item [illegible]
sunt ad pondus [illegible] supor
tatione[m] [illegible]. [illegible]
[illegible]
[illegible] fortitudo [illegible] post
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

replent[ur]. Ex quor[um] arsura dolor in
sensibilis [illegible]

Capitulum de brachiis.

Brachia a fortitudi[n]e s[un]t dic[ta]. bari
enim grece forte dicit[ur] latine ut dic[it]
ysidor[us]. In brachiis tori lacertor[um] s[unt]
et insignis robur existit. hii tori dicu[n]tur
musculi. et dicu[n]t[ur] tori eo q[uod] illis quasi
viscera fortia torti [illegible] ut
dic[it] ysi[dorus]. Brachiu[m] aut[em] ut dic[it] consta
ntinus ex duobus [con]stat ossibus [illegible]
[illegible] et [illegible] cubit[us] superiore alteru[m]
infra et dicit[ur] cubitus inferior. Est aut[em]
os inferius fere manus q[uia] portans por
tatio manus et dicit[ur] et [illegible]. Continua
tur aut[em] brachiu[m] cum armo superiori
et annexit[ur] nervis fortissimis quibus
mediantibus sensus et motu[m] volun
tariu[m] recipit et ad manu[m] post trans
mittit. Sunt brachia rotunda p[ro]p[ter] ma
iore[m] [illegible], et motu[m] [illegible]
et maiore[m] inpassibilitate[m] ut no[n] faci
le pacia[n]tur. Et s[un]t et flexibilia in junc
turis tribus s[ci]l[icet] circa manu[m] cubitum
et armu[m], ut motu voluntario sunt ha
biliora et ad obediendum voluntatis
imperio p[ro]mptiora. Praeterea brachia [illegible]
alior[um] membror[um] [illegible] s[un]t carnosa
[illegible] p[ro]p[ter] [illegible] ossium et nervosa ex qua
[con]ponu[n]t[ur] p[ro]p[ter] roboris et virtutis appli
catione[m]. In brachiis enim est maxima
hois fortitudo, ad portandu[m], ad levan
dum, ad constringen[dum], ad [illegible], ad
pugnandu[m] et ad operandu[m]. Item brachior[um]
ossa sunt dura grossa [illegible] medu
lis plena [illegible] et dura ne
[illegible] fracturis [illegible]. Concava ne ni
mia soliditate nimis ponderosa redda[ntur]
medulis plena ut ossa sicca et frema
medularum pinguedine [illegible]

Et ut ipsius a venenis et vermibus consti-
tutis nodulaproximorum [illegible] et
et nutriantur. Cutis [illegible] et lacer-
tis [illegible] tegitur ut ab a-
liquo extrinseco de facili [illegible]
[illegible] et [illegible] cartilaginibus vesti-
untur ne nimia duritie ossium mutuo
se collidentium nervi sensibiles aliquam
molestiam patiantur, et ut ipsa ossa in suis
iuncturis planitie et mollitie cartila-
ginum [illegible] [illegible] se nullo
aspectu [illegible] tenderent. Item bra-
chia per virtutem [illegible] que sedes [illegible]
regione cordis [illegible] et pulsus per
quasdam arterias recipiunt et [illegible]
ipsius mutationem et [illegible] de facili
et [illegible] in venis vel arteriis [illegible]
[illegible] manifestant. Item brachia prop-
[illegible] familiaritatem con-
venientiam cum capite, et ab eo recipiunt
[illegible] virtutis influentiam. Et ideo
pro defensione quodam sensu naturali
[illegible] [illegible] [illegible]
se opponunt. Item [illegible] totius corporis
et maxime de regione capitis et cordis
et epatis, et aliorum in brachiis in manibus
ac digitis [illegible] [illegible] tribuunt. Et ideo
qui sanguine [illegible] sentiunt et gra-
vari aliquam de venis brachiorum [illegible]
[illegible]. Et sic brachia [illegible]
[illegible] et patiuntur ut alia membra sa-
nitatis [illegible] [illegible]. Dicit etiam
medicina sicut [illegible] [illegible] de [illegible] quod qui
infirmatur in [illegible] parte cordis [illegible]
in parte opposita [illegible] [illegible]
[illegible] quod patitur in dextra minuitur in si-
nistra et e converso [illegible] [illegible]
vel aliam [illegible] [illegible] est

sanguis ad partem oppositam [illegible]
[illegible] transferatur [illegible] vel
aliud membrum [illegible] [illegible]
dicitur [illegible]. Brachia itaque [illegible]
[illegible] aliarum partium corporis [illegible]
[illegible] et pro melioris custodia [illegible]
[illegible] et [illegible] et a [illegible]
[illegible] subterfugiunt, et se [illegible]
acquiescunt. Hec autem ut dicit [illegible]
brachia proprie, ut quod cor diligit bra-
chia diligant, et ad amplexum [illegible]
voluntarie se extendant. [illegible]
a corde diligi sentiunt [illegible] brachiis
postea cordi applicat et [illegible] in
tantum ut [illegible] dilectum [illegible] amantis cor-
di [illegible] si valeret. Item [illegible]
et ingratitudo brachiorum [illegible] est in
[illegible] ut dicitur in pronosticis.

Capitulum de manu

Manus est dicta eo quod sit totius corporis
munus ut dicit Ysidorus. Ipsa enim
cibum ori administrat, ipsa omnia operatur
ac dispensat, per eam accipimus et damus.
Abusive dicitur manus ars vel artifici-
dicitur sicut [illegible] de aliquo scriptore dicitur
vel pictore. Iste habet bonam manum [illegible]
[illegible] vel artificium. Dextera
a dando est dicta. Nam ut dicit Ysidorus
dextera pignus pacis dat ipsa [illegible]
salutis testis adhibetur. Et hoc est illud
apud [illegible] [illegible] [illegible]
da dextram. Et apostolus ad galathas
capitulo [illegible] dextram [illegible] et so-
cietatis. Sinistra autem dicitur quasi sine
dextra sive [illegible] [illegible]
[illegible] sinistra est [illegible] palma vero
dicitur digitis expansis manus [illegible]
[illegible] pugnus autem
a [illegible] est dictus sicut manus [illegible]

Capitulum de manu

dicit phi[losophus] ... de expansis ramis.

Est et [illegible] manus magnum corporis [illegible]
[illegible] pars et ornatum precipuum
et principale tactus subiectum, unde nul-
la pars corporis est tactu ita sensibilis
sicut vola manus. Ut dicit Consta-
tinus et c. xiiii. Manus autem secundum Con-
stantinum construitur, quo ad extremam partem
sui ex ossibus novem parvis multi-
plicatis diversis et solidis est com-
pacta. Habet autem tot ossa, ut manus
sit mobilis. Sunt autem ista ossa
diverse forme, alia sunt gibbosa,
alia sunt grava, alia concava ut
eorum omnia iungerentur quasi unum os red-
deretur. Ista autem ossa in duobus ordinibus
stantia ex una parte cum vole pectinibus
ex alia parte cum duobus brachiis cum
cathenationibus fortiter colligantur. Con-
cathenatio ad superiora habet hoc tria
una brachii gravitate sustinentia per
quam manus lateraliter extendit atque
extingit. Concathenatio de inte-
riore atque in posteriori [illegible] inferiora
extremitate brachii [illegible] [illegible]
[illegible] gravitate [illegible] ossium [illegible]
hoc est concathenatio motus fiunt ante-
rior et vola manus dicitur pars e-
xterior manus ubi magis digiti
[illegible]. Et ideo pars illa magis est car-
nosa, et magis mollis propter tactus bo-
nitatem et duas habet partes, pectinem
est pars una digiti pars altera. Com-
ponitur autem ex quattuor ossibus nisi forte
unum [illegible] altera non paret. Sunt con-
tinuantibus autem quattuor ossium pectinis
quattuor digiti sunt [illegible] in omnis grate
nati. Et ideo dicit Aristoteles libro 14. manus

non est unum [illegible] sed multa natura
enim dedit homini intelligenti [illegible]
suis virtutibus [illegible] [illegible] est [illegible]
manus, in quibus sunt multi digiti
et diversi ut per eos minima et [illegible]
valeant retinere. Nam ut dicit [illegible]
[illegible] manus est [illegible] [illegible] et
et appositi omnibus est enim diversa
et extensa in multas partes, et potest
homo [illegible] una sola parte, et duabus
et pluribus secundum diversos modos. Habet
enim vole manus hominis hoc sibi
appropriatum quod nunquam in homine pili sunt
quamvis exterius in aliquibus pelle [illegible]
maxime autem hoc contingit manibus
masculorum, et hoc propter caloris habun-
dantiam dominantem. Est autem manus de-
xtera fortioris caloris et maioris fortitudinis
quam sinistra. Unde Aristoteles libro 2. animalia
quadrupedia que gradiuntur animalia loco ma-
nuum hominis habent pedes anteriores pedes
sinistri in animalibus non est absolute [illegible]
levis motus, sicut nec sinistra manus
in hominibus preterquam in elephante. Elephas
et ut dicit Aristoteles ibidem libro primo utitur na-
so forti et longo loco manus, et per
ipsum arripit cibum et reddit ori suo
[illegible] reddit etiam per nasum ori suo potum
nullum animal facit hoc nisi ipse, sive
volatilia autem utuntur pede pro manu
[illegible] et porfirio. Scilicet pelicanus
nam [illegible] pede cibum arripit et [illegible]
gentis aqua potum ori suo accipit
porrigit, sic intinctum sibi et porfirio.

Patitur autem et manus multiplex passiones
[illegible] pustulas et fissuras
[illegible] [illegible] et titula-
nem iuncturam dislocationem et aliam
agitam passionem. Causa autem generatio horum

e [illegible] caliditas et [illegible]

Ex callidis et siccis humoribus nervos desiccantibus vel ex feces et humidis vos dum existentibus in transversa [illegible] impedientibus ut per paralisim et le prosis quare manus ex putridis et corruptis humoribus nervos consumantibus et desiccantibus contrahuntur. Accidit etiam manus ex nutrimenti debiti subtractione ut patet in decrepitis et studiis et fame laborantibus et senio confectis. Quandoque ex distemperantia caloris et re[f]rigeratione tractata humorum consumatur ut patet in ptisicis et ethicis et huiusmodi. Quandoque ex vitio venarum et nervorum que spirituales vadunt ex defectu humorum et spiritus virtutis cogitiva impeditur ex quibus manus arescunt et a tremore et corruptione via depauperantur. Pustule autem et bothoragines generantur ex pravis et corruptis humoribus [illegible] potentibus vel et raro nisi superficialiter corrumpit et cutem ulcerata in ulceras vel pustellas immutantur. Fissuras autem et pruritus et huius accidit ex humoribus callidis acutis et fumis infectivis [illegible] ex scindit et suo acumine carnis superficiem dividens ac incindit et primo pruritum et titillationem facit sed post dolorem non modicum superducit. Item etiam humor corruptus subcutaneus latens quem natura expellere nequit calore naturali consumit paulatim plus et plus corrumpit et ipsos vermiculos generat qui paulatim cutim corrodentes titillationem provocant et pruritum. Dislocatio quandoque accidit ex casu vel incisura vel percussura aut compressione nimia vel ex [illegible] violentia nimia iunctura ledatur quandoque longum fuit et superducit dolor gravis et tota manus redditur impotens ad aliquid operandum. Accidit etiam ab extrinseco scilicet a nimio labore nervorum iuncture

nisi fuerit lubricatione et [illegible] vel de facili franguntur [illegible] [illegible] passio et [illegible] que et podagra in pedibus [illegible] generatur enim ex humoribus grossis et [illegible] in iuncturis coadunatis et conglobatis vade et extendi et iunctura indurat et [illegible] tumor. Et talis infirmitas ex longa arthetica solet in manibus generari et hic vocatur [illegible] interna et dicitur super amphorismos [illegible] alia incommoda solent manus proprie occupare sicut tremor et [illegible] sufficiat hoc solum attendendum est quod dicit in amphorismus nullus ambidexter fit [illegible]. Super quod verbum dicit Galienus multi masculi ambabus manibus equaliter operantur [illegible] mulierculas sed non vidimus nec audivimus quod ex sui defectum est [illegible] fortis est ad opandum in dextra quam minus in sinistra masculi autem fortes habent nervos et lacertos in utraque parte et calore habundant [illegible] et [illegible] contingit operantur sinistra sicut et dextra.

## Capitulum de digitis

Digiti [illegible] vel que distincti existunt [illegible] et ordine [illegible] ut dicit ysidorus. Primus pollex vocatur [illegible] virtus plus pollet et [illegible] potestate. Secundus index et salutaris sive demonstrativus. Tertius est medius [illegible] et impudicus. Quartus est anularis [illegible] nullus gerit dicitur etiam medicus vel medicinalis quod in [illegible] colliguntur. Quintus est auricularis sic dictus quod [illegible] ut dicit ysidorus. Componitur autem [illegible] constant ex tribus ossibus [illegible] pectinis pollex autem cum brachio inferior[e]

[illegible] alii nodule [illegible] inferiores q superiores et latio[illegible] sicut pectinis eo q pectus latius [illegible] Constantinus [illegible] nobilitas digitorum [illegible] ad capiendum et retinendum [illegible] digiti in longitudine distincti [illegible] et nisi se distincte divisi et in extremitatibus unguibus muniti et [illegible] gratiliores teneriores et flexi[illegible] tanto sunt ad opera varia [illegible] media carnis pp mol[illegible] et facilior tactus que nihil [illegible] obiecta tactus [illegible] digitorum summitatibus [illegible] et hoc forsitan est pp [illegible] q digitorum summitatibus [illegible] et pp [illegible] in digitorum [illegible] ut dicit Constantinus [illegible] et digiti hoc proprium q ante cibum sunt [illegible] q post cibum unde et anulus [illegible] sui [illegible] ante cibum et post cibum [illegible] dicit [illegible] aquam [illegible] ut digitos eius et [illegible] est in aqua et aure [illegible] digitos [illegible] manus propter [illegible] aquam [illegible] quod [illegible] intra et [illegible] carnis [illegible] sicut [illegible] in digitis [illegible] ungues que [illegible] que post [illegible] et [illegible] [illegible] non [illegible] [illegible] quod [illegible] qui sepius [illegible] [illegible]

Capitulum de ungula

Ungula est pars digiti extrema in superiori parte digitorum collocata q

ut dicit Constantinus [illegible] carnis [illegible] [illegible] cuius [illegible] [illegible] ad ungulas [illegible] et [illegible] [illegible] longe est [illegible] et [illegible] digitorum proportionandis [illegible] quod dicit [illegible] et [illegible] unde nihil [illegible] et ideo sine dolore [illegible] se [illegible] unguium [illegible] [illegible] est [illegible] et ideo [illegible] in [illegible] extrema digitorum ut dicit Constantinus quandoque [illegible] quibusdam superfluitatibus fumositatibus [illegible] resolutis usque ad [illegible] ubi fumositates [illegible] exteriori aere desiccantur et in unguium [illegible] [illegible] sicut dicitur super librum pronosticorum in commento. Est [illegible] ad [illegible] digitorum subsidium quia [illegible] pp sua teneritudine lederentur nisi per unguium duritiem munirentur. Unde ipsorum digitorum sunt ungues firmamentum et non minimum ornamentum. Est autem unguis osse mollior, carne autem et cartilagine durior, carnea tenuis quodammodo disponens et nervos. Et ideo [illegible] quodammodo carnea [illegible] et [illegible] pp eius superficiei politam et aliqualiter transparentiam [illegible] et [illegible] [illegible] vel [illegible] que in unguis ex sordes fumositatibus generantur sordes ipsius [illegible] vel mortificatione in eis apparent pronosticantur. Calore enim [illegible] [illegible] ungues nigrescunt et livescunt et ideo [illegible] [illegible] vel [illegible] [illegible] caloris [illegible] ut dicitur [illegible] pronosticorum [illegible] dicit [illegible] ungues [illegible] et [illegible] [illegible] super [illegible] et [illegible] [illegible] et [illegible] [illegible] hoc autem

sicut aquila proprie ut residens super
arborem vel quercus sepius respicit ungues
suas timens forsan ne hebetentur. Nam
unguis sunt pro mutationibus, et ideo ne
ledantur non libenter residet super petram
sicut dicit idem. Et quando gerit in se ungues
claudit et reflectit ut sit ille coniunctus.

¶ Hoc idem faciunt leo et alia animalia rapientia
unguibus. Item in libro 7° avis vultur
unguium non potest, dicitur sicut pavus et
ordinis avis sacrorum unguium curvi
tamen habent rostrum et durum ac grossum
pullum et cibantur a carne et venantur
aves tum continue non tenentur sine
rapina superius vel inferius. Ideo
virium tamen pugnat et rostro ac un-
guibus se defendat. Propter feminas et
pro cibos. Variatur autem ungula in
diversis volatilibus et animalibus quo ad
dispositionem et etiam quo ad usum. Nam in
homine manus muniunt et terminantur
atque ornant, in volatilibus muniunt cor-
pus et armant animalium non prede se
custodiunt et calcant. Unde in quibusdam
animalibus ungule sunt rotunde et lon-
ge ut in equis et huiusmodi. In quibusdam
sunt fisse ut in porcis. Ut dicit idem ab
Aristotele libro 2° capitulo 13°. Omne animal habens calcaneos pro
munimentis servit porcis habet ungulas
fissas, et in unguibus posuit na-
tura formationem animalium. Unde Aristoteles libro
14°. Natura ungues semper ponit vigo-
rem in membris quibus utitur animalia
sicut faciunt in dentibus qui sunt sicut serra
et in unguibus propter vigorem et huiusmodi alia.

Capitulum [illegible] de latere

Latus secundum Ysydorum est dictum
eo quod in lateribus latet. Est enim
una pars corporis vel sinistra, sinistrum latus
aut dextra. Dextrum est motabilius pars
tamen fortior est et omni sensu [illegible]

[illegible] pars una a [illegible] dex-
tro quod aptior sit ad [illegible] et
portanda ut dicit [illegible]. Ipsa enim [illegible]
[illegible] faretra cultellum et [illegible]
rostra ut expedita sit dextra ad [illegible]
usum. Ossibus costarum latera [illegible]
fulciuntur et dicuntur costae quia [illegible] [illegible]
ipsis interiora custodiant et tota ven-
tris molities mirum [illegible]
et salute. Componitur autem [illegible] latera
lus ex pluribus ossibus dorsi spondilibus
colligatis et ex diversis [illegible]
ossa pectoris [illegible] et dicit Constantinus.
Et sunt hec ossa [illegible]
[illegible] [illegible] in [illegible]
[illegible] dorsi et pectoris [illegible]
[illegible] [illegible] ut dicit [illegible]
Sunt autem ossa xxiiii. ut dicit [illegible]
tenia et septem ex utroque latere [illegible].
Que cum septem, [illegible] ossibus carti-
laginis spondilibus in [illegible]
pectoris colligantur. Que sunt [illegible]
[illegible] et cartilaginosa sicut gladius
[illegible] et [illegible] supponit ad [illegible]
[illegible] [illegible] [illegible]
costarum et pectoris [illegible] xxx et
duo ossa [illegible] quorum xiiii in la-
teribus et in [illegible] pectoris et x.
et x posterius in dorsi compositione.
Et octo ossa cartilaginosa [illegible]
[illegible] ut dicit Constantinus.

¶ [illegible] latera [illegible]
[illegible] ut ex [illegible] ruptura
[illegible] et huiusmodi. [illegible]
[illegible] ex fluxu humorum [illegible] ad locum
ypocondriorum et gravitate [illegible]
apostema generat ut patet in pleuresi
que generatur ex apostemate posteriore
in [illegible] [illegible]. Cuius signa
sunt dolor lateris tussis febris [illegible]

cognoscitur. Propter aliud cum sputum sanguis
si est sanguineum per ethicum vel ex colera per
alteratione ex flegmate plumbeum vel lividum ex sua ma
[illegible] generantur in pectore in pectoris regio
[illegible] calida in apostemata que ca
dunt in latere gravissimum inferunt
dolorem et inflationem et tunc in lat
apostemate patiens quiescere non potest nec sanari
ut dicit in pronosticis quod in febribus
acutis egritudo sanatur in latere et propriie
decubito bonum est quia significat loca dicta
[illegible] apostemata et spiritualia mem
bra sunt liberiora et hoc loco in quo
[illegible]. Et sic homo melius spirat
[illegible] neque stomachum neque alia mem
bra spiritualia contingit. Et in yppocondriis
[illegible] regione dicta sub costis dextro
[illegible] et in costis pectoris
[illegible] ex qua distensione provenit
et sic dolor generatur. Et sic contingit
ex humorum grossorum [illegible] loca oppilari
et induravi et ita loca lateralia in
durari minuis [illegible] vel et [illegible]
[illegible]. Et ideo dicit in pronosticis
[illegible] in yppocondriis si fuerit sine
dolore si mollia sunt si bene compo
sita et [illegible] bonum. Si cum fervore
aut dolore si spasmo distenditur [illegible]
[illegible] ut solet fieri in spasmo
si sunt [illegible] si in aliqua parte
fuerit pulsus magnus vel saltus mag
[illegible] angustia vel alienatione [illegible]
[illegible] et in acutis febribus
[illegible] [illegible] oculus
et inordinatus ut dicit ibi [illegible]
Et cum fuerit [illegible]
non est tantus timor de futura alie
natione in acutis ut dicit Ysidorus.

Capitulum de dorso.

Dorsum ad diversitatem dicitur eo quod sit
durior. Vel [illegible] superficies admodum
saxi ad portandum forte et ad patiendum
atque tollerandum durum ut dicit Ysydorus
et tergum eo quod in ea parte supinum jacemus
quod solus homo potest. Nam [illegible]
animalia aut in latere aut in ventre ja
cent, unde et in animalibus tergum abusive
dicitur ut dicit Ysydorus. [illegible] dici
potest in animalibus tergum quia [illegible] fla
gellis tractantur [illegible] dorsum animalium
[illegible] dorsum hominis ut dicit [illegible]
vel tergum [illegible] tergum dici potest a teres
[illegible] quod est rotundum [illegible] eo quod dor
sum animalium quandam speciem prefert rotunditatis
eo quod omnia ossa corporis fundantur super
dorsum sicut in carina navis. Incipit
autem dorsum ut dicit Constantinus et Ysydorus
a capite [illegible] et protenditur usque ad re
num [illegible]. Est autem dorsum quoddam
ex variis ossibus et spondilibus compositum
est. Et hoc ob quatuor causas fuit necessarium
primo quia omnium fundamentum est aliorum super
quod omnia alia ossa sunt posita sicut navis
super carinam media est locata. Secundo quia
[illegible] et inferiorum defensio est et conser
vatio. Tertio quia [illegible] a cerebro ad di
versas partes corporis [illegible] defenduntur
est adiutorium et [illegible] motus
voluntarii et sensus diffundantur.
Quarto ut nucha defenderetur a cerebro
sit [illegible] et ab extrinsecis lesioni
[illegible] sit defensivum. Ex multis autem
ossibus compositum est dorsum ut facilius
se erigeret et [illegible] ut omnia
supposita fortiter et supportet [illegible]
[illegible] ossa dorsi spondilia et [illegible]
[illegible] ut [illegible] [illegible]
[illegible] id [illegible]
membra ad motum voluntarium [illegible]
[illegible] est [illegible]

Capitulum de dorso.

et in nucha ut dicit Constantinus
Et hec duplex pellicula sicut cerebrum
circumdata ut dicit idem. Unde si per me-
dullam in spina dorsi quamque et cuius
interposita fuit fuit lesa virtus animal-
lis deficit et in suis actionibus impeditur
sicut et per cerebrum leditur. Unde animal
lesa nucha et facilis moritur propter quod
natura fecit ossa spondilia dura et ner-
vosa desuper acuta propter maiorem
medulle defensionem et propter fortiorem
resistentiam et repulsionem irruentium in-
ferentis lesionem. Est enim cutis dorsi
sive pellis spissior et durior quam in
ceteris partibus animalis et hoc propter causam sup-
dictam. patitur tamen dorsum multa ab
intrinseco et extrinseco. Ab extrinseco patitur
vibrationem et excoriationem et multi-
plicitatem lesionum. Ab intrinseco autem
patitur nervorum contractionem humorum
nimiam repletionem gravitatem et nimiam
spissitudinem oppilationem puncturam et debi-
litatem et contra plenitudinem ygie infestationem

Capitulum de pectore

Pectus est ossea pars sit superior
inter mamillas et pulpas et
hoc pectus est dictum quia proximum est
partibus eminentibus mamillarum ut dicit
ysy. et etiam ut dicit Constantinus pectoris fo
damentum est super dorsi portum cuius
magna est gravitas ut interiora porta
custodiat et cor ac pulmonem cum
aliis membris spiritualibus protegat et de-
fendat. Magnitudo eius et gravitas per
totum fuit necessaria et utilis ut pulmo
ibi et illuc posset dillatari ad refri-
gerandum calidum fumum cordis. Fuit
autem osseum et nervosum propter maiorem
fortitudinem et fortiorem vitalium defen-
sionem. Item quibusdam pellicul constitutis

(in left margin: pectore)

et quadam pinguedine mediante interius
et munitur propter calores vitales et horum
fomentum et conservationes fit item
pectoris et toracis mitigantur ...
autem in pectore ut dicit Constantinus ...
duram et firmam pellicules quibusdam
separatur et fuit hoc divisio ... si
si flatus pectoris in una parte cum aliquo
accideret in alia parte gravitas ...
te animalis custodiretur quia si ...
gravitas infirmaret cum lesio fuerit
clausa de facili moreretur. Item pectoris
pelliculis cor et pulmo colligantur
et ne de suis locis ... 
ut dicit Constantinus ... Est et
pectus mamillarum fundamentum ...
nec solum propter ornatum ... propter necessitatem
pectoris ... Nam sua ...
situm pectus ... et omnia ossa
scilicet tympanis ab extrinseca lesio-
ne ... protegit et defendit.
Nobilissimum itaque membrum est pectus ...
... est et amoris
dominium caloris vitalis et vigoris ...
bene disposito cum suis ... atque
... in suis actionibus
conformatur et ... Et lesio pectoris totus
... pars autem pectus
multiplex ... nimia ...
... toracis ...
et in suis ... impeditur ... aliquando
nimia caliditate et siccitate ... vel
humoris consumitur ut ... pectoris
... ut ... calor
nimio consumptus ... ex nimia ...
... pectoris in-
funditur et repleto ... sequitur
suffocatio ... raucitas et ...
ut dicit Constantinus ... ex ...
... in pelliculis pectoris ...
... apostemata et ... ...)

Et ab[illegible] uel suffocat[ur]. Ma[illegible]
[illegible] contra aliorum uulnerum
[illegible] [illegible] percutit lesso uel pul
mone aut [illegible] [illegible] est ut pectus do
[illegible] patiatur. Accidit aut[em] sub passio
ne pectoris [illegible] propter [illegible]
[illegible] cordis [illegible] est [illegible] uir[illegible]
tatis [illegible] magis [illegible] modica [illegible]
[illegible] in pectore [illegible] uulnus magis
[illegible] in brachio uel in crure. [illegible]
aut [illegible] pectoris in [illegible] et [illegible]
[illegible] ut dicit [illegible]. Nam [illegible]
[illegible] et [illegible]
[illegible] et a sinistris in medio [illegible]
[illegible] et ipsa [illegible] signum est [illegible]
[illegible] et [illegible]. Et [illegible]
[illegible] mamillas in pectore [illegible] homo
[illegible] ut dicit [illegible] [illegible]
[illegible] [illegible] aut in latere aut in
uentre ut porci et canes aut in po
sterioris [illegible] ut camelli [illegible]
[illegible] [illegible]. Et sicut dicit [illegible]
[illegible] [illegible] [illegible] in
uentre ut patet in canibus et porcis [illegible]
[illegible] pectore ut patet in homine et elefante
[illegible] [illegible] [illegible] [illegible]
dicit [illegible] Galienus. [illegible]
[illegible] pectus acutum et maxime [illegible]
[illegible] et [illegible]
[illegible] caloris [illegible]
et acutu[illegible] [illegible] [illegible]
[illegible] ualde. Et [illegible] aues et
[illegible] in aere ualde alto [illegible]
uolatiles [illegible] et [illegible] sicut dicit
[illegible]. Amplitudo aut[em] pectoris
in talibus [illegible] et [illegible] est
[illegible] ut dicit [illegible] et [illegible] magna
[illegible] et pectoris [illegible] uel [illegible]
[illegible] est [illegible]. Et [illegible]
[illegible] est pectoris in aere [illegible] et
dicit [illegible] suam.

## Capitulum de mamillis

Mamilla a rotunditate est dicta
malum enim quasi rotundum dicitur [illegible]
ut dicit Ysidorus. Papilla dicitur [illegible] mamilla
quia infantes suggentes labijs comprehendunt.
Et dicitur papilla quasi [illegible] a puero tangitur
et palpatur. [illegible] aut[em] mamille [illegible]
lactis ubertate uel quia [illegible] lactis [illegible]
[illegible] [illegible] plena. Nam post
partum si [illegible] [illegible] pueri nutri
mento [illegible] [illegible] nutrimentum fluit in
mamas [illegible] [illegible] lactis
[illegible] ut dicit Ysidorus. [illegible]
Constantinum aut[em] mamille de glan
dosa [illegible] carne scilicet molli et
alba sicut lac [illegible]. [illegible] autem
uene et arterie [illegible] carne glandosa
[illegible] mamillarum [illegible] per quas
defertur sanguis cum [illegible] ad mamillas.
[illegible] aut[em] mamille in pectore [illegible]
ut cordi [illegible] [illegible] [illegible] [illegible]
[illegible] sanguis in [illegible] lactis [illegible]
[illegible]. Nam sanguis [illegible]
[illegible] ad [illegible] [illegible] ad pectus
[illegible] ad mamillas [illegible]
et in [illegible] spongiosa in naturam
lactis [illegible] caloris se transmutat. Caro
[illegible] ipsius mamille [illegible] est et [illegible]
[illegible] porosa scilicet uelut spongia [illegible] ad
[illegible] lactis est apta ad [illegible]
pueri nutrimentum. [illegible] aut[em] mamilla
[illegible] proprium ut dicit [illegible] super [illegible] quod
[illegible] quando [illegible] abortiuum ma
mille [illegible] molestatur ut dicit Ypocras
[illegible] et [illegible] mamilla mulieris
[illegible] [illegible] masculus
[illegible] abortiuus est. [illegible] sinistra
[illegible] [illegible] [illegible]
patitur abortiuum [illegible] assignat
[illegible] Galienus in [illegible] dicit [illegible] quod grauitas

mamille paucitate lactis significat. Unde si infans non portat nutrimentum necesse est ut abortiat ipse fetus. Sic dicit Ypocras idem. Mulieribus quibus sanguis superfluus currit ad mamillas mania futura significat. Cuius racio secundum Galenum est quia cum sanguis calidus et fervens fluxerit ad mamillas sui propinquitatem et caloris recessum non potest regulari naturaliter in superfluitatem causata resolutus caput petit et sic in mania propter turbacionem cerebri cadat et incidat. Item idem in eodem. Mulieri menstrua si volueris retinere ventosam maiorem i. ventosam cum ea appone ad mamillas i. sub mamillis lacte venas astringendo que menstruis deserviunt ut dicit Galenus. Item in eodem. Si mulieri habenti in utero lac multum fluxerit de mamillis fetum debilem significat. Si vero dura fuerint ubera sanum significant fetum. Secundo enim non diminuitur lac quia fetus est debilis et impotens ad querendum sibi nutrimentum. Unde nimia superfluitas mamillarum corrupcionis fetus et imperfectionis signum est ut dicit Galenus. Si vero fuerint mediocriter dure sanitatem designat fetus. Nimia et mamillarum gracilitas et macilentia post conceptum designat vel fetum debilem et corruptum esse. Nam signum est quod subsequi debeat abortivum ut dicit idem. Item si impregnata fuerit masculo apparebit dextra mamilla maior. Si vero fuerit femina concepta est sinistra maior. Et hec prius apparebit quam fetus incipiet se movere ut dicit Ypocras libro ... Item sicut dicit idem sepe ex lactis multiplicatione et coagulatione mulieres mamille indurescunt et supervenit ... aliquis

tempore induracionis accidit illis infirmitas magna et dicit ... cessabit dolor quousque ... sicut idem dicit de ... libro 9 ... Mamilla multorum ... multorum est filiorum et habent ubera a parte inferiori diffusa ut patet in ... et in porca. Et cum parit porca primo dat filio suo primam mamillam et secundo secundam et sic de aliis. Animalia autem paucam ubera habentia paucos habent fetus ut mulier et elefans qui habent ante collocata. Mamilla igitur est membrum nutritivum factum nervis, sanguinis menstrualis ad generacionem lactis susceptivum et susceptum post sanguinis depuratum digestivum et depuratum de albatum et immutatum dulcoratum infusatum pectoris et cordis defensivum, sexus discretivum, corporis monstrativum, rotundum oblongum nervosum carnosum puerulorum de utilibus expositivum, cavernosum seu porrosum.

Ca^m de pulmone

## Capitulum de pulmone

Pulmo cordis est flabellum a pneumon grece dictum est. In pulmone enim est pneumon id est spiritus qui flatus et aptus ad eum recipiendum et emittendum. Unde dicitur pulmo quia palpitat sive aptus est ut flatum capiat et iterum stringendo emittat. Unde in continuo motu est inspirando et respirando ut dicit Ysidorus. Est autem pulmo de molli carne et tenera et ex spuma coagulata similiter ut dicit Constantinus cuius ... ut cor undique circundet et aerem frigidum ad sui temperiem administret. Est autem pulmo instrumentum spiritus vocis spiritus fuit ... per cor et per attractionem aeris refrigeratur et per ... fumositatem

superfluitates egestas et ideo [illegible]
[illegible] magnitudine vel in situ aeris
[illegible] et ut sensus comprehenditur
[illegible] est itaque pulmo quidam vil-
[illegible] suas temperie frigida ad cor
dis [illegible] in [illegible] et calida ad for-
[illegible] et ad flatum. Sine hoc pulmo
vox formari non potest inquit [illegible] ut dicit
[illegible] li. 13. propter spiritus [illegible]
pulmonis est et levis et grava ut de fa-
cili [illegible] aeris in naturam sui ut sic fa-
cilius [illegible] spiritum temperat in ventriculo
cordis ad conservationem vite animalis. Et est
[illegible] ut dicit quod omne anhelans habet
pulmonem et omnia animalia ambulativa
[illegible] Et quedam animalia aquosa ut del-
phini. Item omne animal quod non habet magnum
pulmonem [illegible] [illegible] sanguine propter caliditatem
[illegible] pulmo ideo animalia [illegible] est [illegible]
[illegible] et potest inflari et intumescere
ut dicit [illegible] et sic dicit idem li. 13. [illegible]
[illegible] animalia non habent pulmonem [illegible]
[illegible] pulmonis. Item idem li. 10. [illegible]
animal habens pulmonem est calidius animali ca-
rente pulmone [illegible] habens pulmonem
multi sanguinis est [illegible] animalia non habentia
[illegible] pulmo [illegible]
ex [illegible] et [illegible]
pulmonis [illegible] fluxiones [illegible]
[illegible] tusses raucedo asperitas
vocis et [illegible] patitur ex coadunatio-
ne [illegible] in [illegible] pulmonis [illegible]
fit [illegible] et alie [illegible] passiones
ut patet in [illegible] et [illegible] [illegible] ut
dicit Constantinus. Item [illegible] patitur ex pro-
pria [illegible] ulceratione et hoc accidit ex
[illegible] ad pulmonis substantiam de-
fluentibus. Et talis passio non de facili cu-
ratur [illegible] ex [illegible] substantia pul-
monis [illegible] ulcerata propter [illegible]
[illegible] et motus [illegible] non
de facili solidatur. Unde et curare [illegible]

propter foramen ulceratum de facili [illegible]
ad [illegible] caloris cordis non sufficit
[illegible] potius propter aeris [illegible] [illegible] [illegible]
in se [illegible] [illegible] [illegible] li. 13.
Animal si anhelaverit in comedendo [illegible] ali-
quid ex cibo in [illegible] pulmonis quod [illegible]
accidit animali tussis et [illegible] [illegible]
nihil aliud est nisi motus [illegible] virtutis
ad expellendum superflua circa spiritum [illegible] ut
dicit Constantinus. Ex [illegible] colligere [illegible] ex predictis
quod pulmo [illegible] est cordis [illegible] quod cor
refrigerat [illegible] [illegible] [illegible] aerem [illegible]
attrahit et [illegible] vocem format et
motu [illegible] [illegible] constringit se mutuo
et dilatat [illegible] ad supplementum caloris
cordis in suis follibus et poris reservat.
Unde [illegible] [illegible] potest vivere animal sub aqua sine
suffocatione quam diu potest [illegible] aerem
retinere. Seu motus gravitate vel [illegible]
[illegible] commovet et [illegible] spiritum vitalem
[illegible] [illegible] administrat. Cordis
regionem ab [illegible] sensibilibus separat hu-
morem spumosum [illegible] cordis [illegible]
[illegible]. Cum aliqua [illegible] patitur [illegible]
[illegible] [illegible] virtutis vitalis
in corde impedit et perturbat. Hec omnia
dicit Constantinus per ordinem.

Capitulum de corde

Cor ut dicit ysy. [illegible] de [illegible] quod omnis
sollicitudo et scientie causa in co-
[illegible] ideo pulmoni est vicinum ut [illegible]
[illegible] [illegible] pulmonis [illegible]
[illegible] in medio corporis animalis positum est
ut ad omnia membra corporis vitam influat
atque motum ut dicit ysydorus. Est autem cor
ut dicit Constantinus [illegible] quedam [illegible] [illegible]
[illegible] oblonga et rotunda. Fuit autem gra-
[illegible] propter [illegible] caloris [illegible]
est [illegible] [illegible] [illegible] fundamentum. Fuit autem
[illegible] ut facilius dilataretur et constringeretur
[illegible] [illegible] et [illegible] ut de facili [illegible]
[illegible] [illegible] [illegible] et [illegible] habundantia

ca^m de corde

spiritum in eo tempore vel reparat vel re-
cipiet. Sunt et oblonga, et in forma pi-
nea, scilicet tendens in acutum, ut acuta ca-
loris strictim in eum tendens fortius reddatur.
Ponitur autem substantia cordis inter ambas con-
cavitates pectoris in medio, propter qualita-
tem cordis, ut a centro ad circumferentiam
toti corpori vitalis spiritus afflueret. Caput
autem cordis quod acutum dicitur in sinistra
parte humani vel bruti corporis collocatur.
Et quia in hac parte acuta cordis plus vi-
get et vigeat spiritus vitalis, ideo in sinistro
brachio pulsus fortissimus sentitur. Vergit
autem cor ad sinistram partem hominis ut ipsius
calore frigiditas sinistre partis temperetur.
Habet autem cor duas concavitates scilicet sinistram
que in acutum tendit, et dextram que in fe-
rimo subsistit vel [illegible]. Et hee
concavitates ventriculi cordis nuncu-
pantur. Et inter istos duos ventriculos
est unum foramen quod parte dextra est la-
tum, sed sinistra vero strictum, et hoc fuit
necessarium ut sanguis a dextro ventriculo
ad sinistrum veniens subtiliaretur, et ita
fit facilius spiritus vitalis in sinistro ven-
triculo generatur. Dicit autem Augustinus
in libro de differentia spiritus et anime quod in
dextro ventriculo cordis plus est de
sanguine quam de spiritu, et in sinistro vero contra.
Quia ibi spiritus vitalis generatur, et ad vivi-
ficandum animal per quasdam arterias
diffusus undique dilatatur. Sinistra
enim pars cordis duplex habet foramen.
Unum initiat arteriam venalem que portans
sanguinem a corde ad pulmonem. Alterum
foramen est unde exit arteria maior
que est fons arteriarum totius corporis
per quam pulsus in nobis generatur potissime
in vena sinistra a parte [illegible].
Pars dextra similiter habet duo foramina.
Unum initiat venam que dicitur concava

portans ab epate sanguinem [illegible] dextram
cordis concavitatem, et ab eo [illegible] vena
arterie et mittit ad pulmonem. Conse-
quenter alia foramina quibus [illegible]
que aperiunt sanguinem a corde et spiritum [illegible]
deinde clauduntur reddita [illegible].
In utroque autem cordis ventriculo est
frustulum quoddam [illegible] quod [illegible]
assillatur, et hec duo frustra cordis auri-
cule nuncupantur, in quibus vene et arte-
rie radicantur et solidantur. Habet autem
cor in sua latitudine quoddam os carti-
laginosum quod cordis sedes appellatur. Cir-
cuit autem cor quidam panniculus qui dicitur
esse capsula cordis, et hic est panniculus
pectoris consolidatur. Hic panniculus co-
nnivens propter cordi quam sit [illegible]
motus impediretur que cordi fuit nociva.
Et unde fundamentum caloris naturalis
in animali reperitur. Hincque Constantinus
libro quarto capitulo dicit [illegible] libro primo quod non est mem-
brum in corpore in quo sit sanguis ita sub-
tilis sicut in corde. Sanguis enim in pulmo-
ne est spumosus, sed in corde subtilis est. Item idem
cor positum est in omni animali in medio pec-
toris, sed tamen quia in homine quod cor hominis declinat
ad partem sinistram. Pars autem acuta
cordis declinat ad medium pectoris in
omnibus animalibus preterquam in piscibus quorum pars
acuta in istis ad partem capitis pendet in
loco [illegible] brachiorum. Item in eodem
de quolibet animali habet sanguinem habet epar
et cor. Item idem in libro xx. In corde est
principium venarum et prima [illegible] san-
guinis et cuius sanguis mundus et clarus
et calidus et maioris sensus et [illegible]
intellectus. Item in eodem principium sensus
animalis est in corde, et sensus [illegible]
et in eodem libro dicit. Cor ponitur in an-
teriori parte pectoris et in medio quia
principium est vite et omnis motus et sensus.

est [illegible] aer et motus eius sunt
[illegible] cordis et pp hoc dilata
[illegible] et [illegible]. Et aristoteles p°
[illegible] cordis. Nam aut generationis
[illegible] est quia cum ex genere
[illegible] cordis est quiescens quia
est positum in loco superiori et anteriori, quia
nobilius locus debetur nobiliori. Nam
aut cor inter omnia membra nobilissimum
est et ideo positum in medio corporis quo vero
[illegible] dicitur quod est [illegible] animalium
[illegible] aliquod membrum ita [illegible] sic
cor [illegible] non [illegible] animal. Et ideo
cor [illegible] est in medio et [illegible] vivus in
corpore [illegible] et [illegible] quam [illegible]
[illegible] est gravia ad [illegible]
[illegible] ad custodiendum [illegible]
Et in illo membro est sanguis sive venis
[illegible] sanguinis et [illegible]
[illegible] in [illegible] et [illegible] sanguinis ad [illegible]
[illegible] alio loco quia non est [illegible] et [illegible]
[illegible] sanguinem sicut
manifestum [illegible] anothomia. Et in [illegible]
cordis [illegible] et [illegible]
[illegible] debilitas et [illegible]
[illegible] motus [illegible] ex eo [illegible]
et ad [illegible] et eius [illegible] expan
ditur ad omnia membra [illegible] medium
[illegible] invenitur [illegible] os
in corde [illegible] in equo et bove et huius
[illegible] magni cordis [illegible] os in
corde in [illegible] eius sicut ossa
ponitur in [illegible] Et in [illegible] animalis
magni cordis sunt [illegible] ventriculi et in
corde parvi cordis sunt duo. Et ideo debet
esse in corde [illegible] cor debet [illegible]
[illegible] sanguis et in [illegible]
temperati et [illegible]. Et est [illegible]
et [illegible] cor est membrum in quo est [illegible]
[illegible] libro [illegible]. [illegible] multa dicit

[illegible] Item [illegible] libro 16. [illegible]
animalis [illegible] apostemata pp quod [illegible]
[illegible] cor [illegible] et pp calorem cordis [illegible]
[illegible] posuit natura [illegible]
frigidum [illegible] opposito cordis [illegible]
Et pp hoc [illegible] in generatione
post generationem cordis. Contingit autem
cor pati vel ex aliquo morbo, [illegible]
ut dicit Constantinus, vel ex [illegible] dissolu
[illegible] in corde [illegible]
caliditas [illegible] sanguinis cordis et agitatur
[illegible] spiritus [illegible]. Et ideo [illegible]
cor [illegible] et mors
sequitur. Et [illegible] patitur ex aliquo
apostemate [illegible] eius [illegible]
et [illegible] animal [illegible] statim [illegible]
cordis [illegible] et hoc ex [illegible]
in [illegible] cordis dispersa [illegible]
vitae [illegible] et [illegible]
[illegible]
quod cor de loco ad
locum movetur. [illegible] accidit ex defectu
ex [illegible] spiritualis dissolutionem et spi
ritum [illegible] et hoc venit vel
ex nimia repletione [illegible] aggravatur
et [illegible] vel ex nimia [illegible]
virtute dissolvente. Sicut patet in car
diacis et in quibusdam pp nimium
sudorem [illegible] pp nimiam [illegible]
Item patitur [illegible] ex [illegible] aliqua
corrupta venenosa ad cor [illegible]
et cordis [illegible] corrumpuntur [illegible]
et mors sequitur [illegible]. Item quando
patitur in [illegible] appellatur [illegible]
et sanguis in [illegible] cordis et vitalis
spiritus [illegible] et aliis morbis cor
patitur ut dicit Constantinus libro 9° [illegible]
dicit autem [illegible] in libro [illegible] virtus et
[illegible] per hec signa [illegible]
[illegible] inspirationis [illegible]
pulsus et frequentia eius [illegible]

et festinationem ad actor(?) p(er) ira(m) audaciam
et furorem p(er) amplitudinem pectoris
et eius pilositatem. hec om(n)ia caloris d(omi)nan-
tis sunt signa. Contraria u(er)o signa significa-
bu(n)t p(ri)mas qualitates. Sup(er) quibus loquens
dicit haly in co(m)mento q(uod) cor in homi(n)e
est sic(ut) radicum radices in arbore. Ar-
teria magna nascens ex sinistro ven-
triculo cordis sic(ut) est truncus vel corpus
arboris q(uae) elongata a corde ramificat(ur)
in duas partes quar(um) una tendit
sursum alia deorsum. Et iste ramifi-
cant et diuidunt(ur) sic(ut) virge ex ramis
per totum corpus usq(ue) ad arterias ca-
pillares sparsas in cute et p(ro)p(ter) dilla-
tac(i)o(n)em cor(dis) dillatant(ur) om(ne)s arterie sic(ut) (et)
Et qu(ando) (con)stringit(ur) constringunt(ur) et ipse simul
p(er) dillatatione(m) earu(m) attrahit(ur) aer frigid(us)
ab exterioribus cor(dis) ad interiora eius. Et i(n)
(con)strictione expellit(ur) vapor fumosus
in eis generat(us). et expellit(ur) ipsu(m) ad ext(er)i-
ora. et p(ro)p(ter) hoc eius calor t(em)perat(ur)
et p(er) eius euentatione(m) eius (com)plexio
adequat(ur). Et ut dicit idem virtus mo-
tiua que est secu(n)da in corde surgit per
arterias ad una(m)quamq(ue) parte(m) corporis
cordis et deffert unicuiq(ue) p(ro)priam
virtutem et propriu(m) calore(m) vitalem
Seruit a(u)t(em) pectus cordi sic(ut) aperiendo
et frigidu(m) aerem attrahendo et sic clau-
dendo ac fumosu(m) vapore(m) generatu(m) in
corde expellendo. Unde si pectus et arteria
et alia vitalia fuerint sana vi-
det(ur) virtus in operationib(us) suis et hoc est
interna no(n) obediunt. Unde virtus vel
malicia instrumentoru(m) organoru(m) pro-
mouet vel impedit cor ad suas per-
agendas actiones. Unde cu(m) est sanum et [illegible]
[illegible] sibi obedientia hoc in dillatando
se et constringendo sic [illegible]
a corde respiratione fit [illegible] pulsus [illegible]

[illegible] bonitatem organi [illegible]
Unus est debilis [illegible]
actiua in omnib(us) [illegible]
minor respiratio minor [illegible]
dicit ideo si cor fuerit [illegible]
et ualde humidum erit pulsus mollis [illegible]
hoc p(ro)p(ter) humiditatem et audacia timiditas
atq(ue) pigricia et a pillis pectoris [illegible]
erit p(ro)p(ter) vapores fumosos [illegible]
paucitates. Si u(er)o fuerit cor [illegible]
et frigidum fuerit pulsus [illegible] durus et
paruus et respiratio erit tarda et rara.
[illegible] si pectus parum fuerit atq(ue) strictum.
hec omnia haly sup(er) tegni Galieni et [illegible]

Capitullum de anhelitu

Hanelitus cordis et pulmonis [illegible]
p(ro)p(ter) attractione(m) aeris [illegible]
[illegible] caloris sui [illegible] expulsione(m)
[illegible]. Cor enim [illegible] aerem
attrahendi [illegible]. Non enim p(er) modicu(m)
spaciu(m) ab attractione aeris quiescere [illegible]
[illegible] vel deficere. Hanelitus ergo [illegible]
[illegible] motus p(er) dillatatione(m) pulmonis [illegible]
[illegible] et constrictione expellit(ur) hanelitus
itaq(ue) est caloris cordis p(er) attractione(m)
aeris inspiratiuus et expulsio vapo-
ris fumosi eius [illegible] purgatiuus. Est et vital-
is sp(iritu)s et a(n)i(m)alis [illegible]
[illegible] vel debilitatis spiritualium ostensiuus
Sicut sup(ra) de pulmonis proprietatib(us)
dictum est. Item attractio plus [illegible] sp(irit)u
[illegible] q(uam) expellat(ur). pars eni(m) no(n) mo-
dica transit in virtutes sp(iritu)s [illegible]
[illegible] enim pulmoni [illegible]
a(n)i(m)al sine suffocatione viuit [illegible]
[illegible] anelitus (con)cludit(ur). Item pati-
ent(ibus) [illegible] sp(iritu)s [illegible]
qualitate organi [illegible] ut de
[illegible] patit(ur) anelitus [illegible]
[illegible]
[illegible] sp(iritu)s q(ui) p(ro)mouet

ex [illegible] [illegible] doloribus, uel ex grossa ue[n]tositate [illegible] [illegible] oppillante. Fit uel ex [illegible] constrictione pulmonis paruulos re[illegible] [illegible], ex nimio calore cordis [illegible] pulmonis sibi dicantur. Ex quibus omnibus debilitas accidit anhelitus atque rarus. Si [illegible] uelox atque paruus caloris aliorum [illegible] fit quod illud tunc suffocat et diuinat potissime si tactus fuit calidus et siccus atque lingue [illegible] exsiccatio subsequatur. Anhelitus autem rarus et frigidus in patiente [illegible] sig[nificat] mortis esse causas cum tarditas [illegible] [illegible] attractiua et repulsiua. Fri[gidus] uero [illegible] signat caloris naturalis et [illegible] uirtutem [illegible] cordis et pulmonis spiritus. Item [illegible] anhelitus ex ciborum [illegible] uel corruptione [illegible] in leprosis [illegible] anhelitus fetidus sit et [illegible] et aer [illegible] corruptiuus et infectiuus. Infecit enim aerem uirtutem et reddit corruptibilem sicut sibillus regulus flatu aerem corrumpit et aues uolatus necesse sit ut dicit [illegible] et Constantinus.

## Capitulum de stomaco

Stomacus grece os dicitur latine eo quod sit hostium uentris et ipse ci[bum] recipiat atque ad intestina transmittit ut dicit Ysidorus. Est autem stomacus secundum Constantinum rotundus obliquus neruosus interius asper in fundo et uillosus carnosus duo habens orificia unum inferius et aliud superius. Est autem asper et uillosus ut cibum receptum melius retinere possit. Nam si esset lubricus et in superficie planus ex sua lubricitate cibus [illegible] indigestus. Fuit autem carnosus in fundo ut digestio confortaretur. Caro enim calida est et humida ex quibus qualitatibus maxime uiget digestio in corpore animalis. Rotundus fuit ut capacitate ciborum reciperet amplior [illegible] si alterius esset figure scilicet quadrangularis uel [illegible] humores male in eo deficerent ad [illegible] cohererent. In tali forma non possent superfluitates in angulos deriuari uel [illegible]. Obliquus fuit ut nimia rotunditate

sua spiritualia comprimeret uel ut [illegible] [illegible] superioribus et inferioribus iungeretur. Est etiam stomacus et propter humanos in parte superiori est strictus, in parte inferiori est latior. Hoc fuit necessarium in homine [illegible] animalibus superioribus cum cibus semper ad inferiora descendit et [illegible] fuit eius latitudo in inferiori ut in eo recipi posset ciborum multitudo. Item neruosus est propter maiorem sensibilitatem receptionis et appetitus uigorositatem. Epar enim circumdat ut eius maior calor ad ciborum decoctionem ab epate ministrat. Epar enim sustinet fu[n]dus ut [illegible] stomacum [illegible] et ei calorem [illegible] [illegible] et humorem [illegible] sanguis generat quasdam uenas quas mesaraicas medici uocant recipit et in fortiori actione caloris et in sanguinem alterat et [illegible] ad hoc. Ideo dicit Constantinus quod si stomacus fuerit [illegible] calidus cibos grossos digerens [illegible] non consumens plus digerit quam appetit, et pro subtilitate ciborum cibos maxime querit, nec [illegible] substinet [illegible]. Frigidus uero stomacus grossis cibis non est bene digestiuus et ex cibo [illegible] grauatur uel [illegible] mutat in humores acidos corruptos. Stomacus uero siccus sicut [illegible] sitit, nec parum aque sibi sufficit quia superflua [illegible] sibi facit [illegible] [illegible] [illegible] sibi querit. Humidus stomacus uero sitit humidos cibos appetit et parum [illegible] [illegible] [illegible] Constantinus libro primo capitulo [illegible]. Accidunt autem stomaco ut dicit idem libro 9o capitulo 29o diuerse passiones scilicet mala digestio [illegible] [illegible] uomitus singultus inflatio [illegible]. Et hec ex diuersis accidunt causis. Quia quandoque accidunt ex mala [illegible], quandoque ex nimia repletione, quandoque ex nimia inanitione, quandoque ex nimia humorum [illegible], quandoque ex corporum putrefactione, quandoque ex [illegible] [illegible], quandoque ex cibi qualitate, que si sit pungitiua stomacum pungit, et [illegible] ad [illegible]

ca[pitulum] de stomaco

compressus. Autem est ventrosus a stomaco
lubricante. Et sic de facili egreditur.
Quia ex ventris repulsione nimia debi
litatur. nec sto[macho] ex se patitur et in ceteris
ad alia membra colligantia redun
dare. Stomachus enim est totius cor[poris]
sustentaculum ad ciborum receptionem et singulis
membris providet ex parte nature ad
nutriendum. ut dicit Constantinus.

Capitulum de epate.

Epar sicut dicit Isidorus nomen habet eo quod ignis
in eo sedes habet. qui usque ad cerebrum
subvolat. Inde ad oculos et ceteros sen
sus et membra se diffundit. et calore suo
succum sibi attractum in sanguinem transmu
tat. quem ad usum pascendi et nutriendi
corporis singulis membris administrat. Unde
et epar dicitur quasi omnia membra pascit.
In iecore est sedes voluptatis et concupiscentie.
Huius extremitates fibre vocantur. que sunt
quasi lingue eminentes et stomacho applicantur
calore ad ciborum digestionem. Dicuntur autem et
dicuntur fibre quia ab ariolis ad aras fibre
ferebantur. quibus oblatis et succensis
responsa dabantur ut dicit Ysidorus. Est autem
epar ut dicit Constantinus sicut membrum
calidum grave et gibbosum in dextro
latere analis collocatum stomacho suppositum
ut suo calore stomachi adiuvet digestionem.
Est enim sanguineum in colore rubicundum
quia fumositas eius calida nimia in hu
more sanguineo est quasi subtilium
et est durum nec de facili leditur. Variatur
autem epar in hominibus in quantitate et partium
multitudine. quia in homine est maius quam
in aliis bestiis in sua quantitate. Numerus
autem partium est in quibusdam duplex
et ad hoc minus in quibusdam et triplex
vel quadruplex vel ad maximum
quintuplex. Fiunt autem a latere gravitatem autem

epatis progreditur [illegible]
[illegible] medicus [illegible]
[illegible]
partes epatis [illegible]
igitur fumositatem [illegible] digestionem
dum ventus in sua gravitate [illegible]
per caloris naturalis ebullitionem [illegible]
digestionis. Quod in massa sanguinea
et in quantum humoris [illegible] quod
calidum est et humidum transit in naturam
sanguis. Cuius receptaculum est vene.
Quod autem calidum et siccum est in naturam
colere cuius proprium receptaculum est cistis
fellis. Quod vero frigidum est et siccum
in naturam cedit malancolie. cuius proprium recep
taculum est cistis splenis. Quod vero frigidum
est et aquosum in humorem transit fleumaticum
cuius proprium receptaculum est pulmo. Ex
quo patet quod epar naturalis virtutis est princi
pium fundamentum et post digestionem in stomacho
maximum iuvamentum. Cuius digestione
in se sue gravitate est perfecta prius
ab impuro separatum singulis membris
nutrimentum transmissum [illegible]
in [illegible] diversarum passionum [illegible]
patitur enim quandoque ex nimia caloris [illegible]
[illegible] et potentia [illegible] [illegible]
[illegible] virtutis [illegible] epatis.
Quandoque ex nimia fel[lis] [illegible]
in naturam sanguineam [illegible]
hoc quandoque [illegible] ydropisim [illegible]
ydropisis [illegible] nichil aliud est nisi
error virtutis digestive in epate [illegible]
[illegible] in sua operatione [illegible]
[illegible] sanguinem corrumpit quo
[illegible] quod [illegible] in [illegible]
[illegible] ydropisis [illegible] est patitur
epar ex [illegible] sua mala [illegible]
[illegible] in ventre [illegible]
Est patitur ex [illegible] epatis oppillatione [illegible].

cuius [illegible] humorem grossum et desiccatum [illegible] nis [illegible] adiuvare Vel cum sanguis clausus est ex nobilitate ea est separationis et oppi[la]tionis [illegible] et solet accidere ex nimio [illegible] humorum sanguineorum desiccantium et [illegible] ex calidis epatis constrictis propter quod non potest sanguis libere se diffundere ad alia membra corporis nutrienda. Et hoc idem alii potest accidere ex nimia frigiditate humorum congelantis et [illegible] epatis constringentis et ad [illegible] nutrienda discursum sanguinis prohibentis. Item etiam accidit ex fortitudine [illegible] sanguinis [illegible] exprimere pellenter ipsius epatis expellentis et ex [illegible] modicum dolorem et timorem inducentis. Item saepe patitur [illegible] emorroidarum fluxu sanguinis qui accidit venarum [illegible] apertione. Et [illegible] vel ex nimio sanguinis accumulatione vel ex nimia repletione vel ex debilitate virtutis retentivae vel ex nimio calore vel labore sicut dicit Constantinus. Ad [illegible] et signa epatis dicit Galienus [illegible] [illegible] epatis quod est calidum vel [illegible] multitudo venarum non pulsantium [illegible] dicit haly. [illegible] et calor in epate fit epar maius et vena eius magis dilatantur et [illegible] magnificata magnificantur omnes vene non pulsatiles in omnibus membris et calefit sanguis et [illegible] colera citrina vel [illegible] post statum adolescentie advenit colera citrina et fit [illegible] colera nigra et diversae alie ex calida colera accidunt passiones. Galienus dicit ex nimio calore epatis consistit frigiditas cordis, nam corpus velut a membro superiori et nobiliori. Epar in suis actionibus [illegible] et hoc idem dicit [illegible] ubi ponit [illegible] epatis [illegible] [illegible] Galienus [illegible] epatis ex calore [illegible] fel et siccitas epatis est [illegible] venarum et paucitas

sanguinis [illegible]

Vel sanguinis multitudo. Item ibidem dicit Alii quod epar non potest aliquod membrorum corporis [illegible] ad humorem vel [illegible] possit resistere siccitati [illegible] siccitas vel humiditas epatis [illegible] dispositionem. Epar ergo [illegible] nobilius altius corporis [illegible] [illegible] et venter [illegible] inferiora sunt medio. Ad superiora vero [illegible] Galienus [illegible] quod [illegible] facit omnia [illegible] sit posito [illegible] et hec de epatis proprietatibus dicta [illegible] sufficiant.

Capitulum de felle

Fel dictum est eo quod sit folliculus [illegible] humorem ex [illegible] colere rubee amarissimum ut dicit ysaac. Est [illegible] fellis [illegible] particula super gibbum epatis collocata et habet duos fistulos per [illegible] portat coleram rubeam ad intestina ut per eam virtus expulsiva excitetur et a [illegible] intestina viscus et faeculentias expurgentur, per aliam deportatur colera ad stomachum ut sua calore virtuti adiuvet digestivam. Est igitur fel [illegible] et situm in membro gibbo epatis suppositum et est proprium colere rubee receptaculum cuius [illegible] est ut sanguis a colera rubea mundificetur. Sanguis [illegible] ex [illegible] colere [illegible] nisi [illegible] cistula fellis eius superfluitas [illegible]. Est etiam sua calore [illegible] ciborum [illegible] sua subtilitate [illegible] sua [illegible] et attractione [illegible] et intestinorum [illegible] et ad superflua ac feculenta [illegible] excitatur. Est etiam ex nimia caloris [illegible] amarissimum et per sua admixtione dulcedinis sanguinis [illegible]. Unde Constantinus [illegible] dicit quod [illegible]

non habet fel. Omnes alie modi volatilium
et omnes generis piscium, et omnia animalia
habent fel, sed quedam maius et minus et forte
partem in aliquibus sensibilibus pertransit ab epate
usque ad intestina. Et iste vir fortassis erit
fetidus et forte erit fel in tali intestino
ut volucres marine et predatrices. Quedam
habent fel non in epate in ventre et intes-
tino sicut accipiter et milvus. Item
xx° libro ... Aristotiles dicit quod quedam animalia
non habent fel omnino sicut equus mulus
asinus et elephas. Camelus etiam
non habet distinctum sed habet venas parvas
in quibus est fel. Item ... quedam
homines habent fel non in epate et quedam
non, et est fel quoddam superfluum [illegible]
sicut fex in ventre ... tamen superfluo
utitur natura ad aliquod iuvamentum.
Aut illius qui habet natura epatis sanum et ...
sanguis naturale est dulcis. Aut si fuerit
fel erit parvum, et hoc in equinis vel
camelis, et propter hoc erit epar eorum
quod caret felle boni coloris et dulce ...
Et non aliter habet aliquod animal fel ...
quod est sub felle valet dulce, nam per
collectionem fellis ad locum alie membrorum
partes redduntur dulciores. Fel etiam
ex sua subtilitate et acumine est ...
... incisivum, et sua siccitate
consumptivum. Unde in volucribus raptorum est
necessarium ad visum acuendum et visibilis
spiritus removendum impedimentum, et ma-
xime accipitris fel, et aliarum volucrum
viventium ex rapina, sicut dicit in
viatico Constantinus. Et fervor autem
... et ebullitione fellis ...
ad epar redundantis ... sanguinem
inficit, et ad membrorum ...
transmissus ... et ...
... colore ... vel s. in
... Cum ...
... iste toto corpore ... sitis

[illegible] et ... [illegible]
... [illegible]
... [illegible]
... fellis ... [illegible]
... colera est et ... [illegible]
... passionis. Unde Constantinus
in viatico dicit ... patitur ...
i. ... et ... quod ...
ab epate ... [illegible]
... sanguis ...
et alteratur ... etiam contingit ...
... per quas colera
ad fel transit, unde ad epar ...
per totum corpus cum sanguine ... diffun-
ditur. Et si porrus ... oppilatus
... superior ... in ...
... amari et ... ideo
ardor et sitis ... egestione
albescit propter elongationem ... a ...
et ... et urina solet ...
... porrus superior oppilatur colera
... inferiora, et apparet ...
que ... est ... dicit
Constantinus. Et hec de felle sufficiant.

## Capitulum de splene

Splen est dicta a supplemento
quia parti sinistre ... su-
plet ut ... quedam
... Item splen
... felle ... sapientes
... amarum ...
Constantinus ... est ... integer
ut dicit ... Constantinum
... splen in sinistra parte collocatum
cuius forma ... est oblonga
... versus stomacum ... et ...
... est gibosa ... duobus ...
... sanguinibus ... Et ...
Splen duas habet venas per ...

coleram [illegible] a sanguine separatis [illegible] melancolia vero contrarium sufficit ad [illegible] consumenda ut eius appetitus [illegible] Splenis igitur est situari [illegible] ut in sinistra parte vel directum suppositus ex opposito ad situationem [illegible] iecori respondeat ut propter modificationem caloris [illegible] sibi adiungitur et incitatum ad appetitum sufficit ad confortationem stomachi transmittatur. Est igitur substantia splenis spongiosa propter facilitatem humoris receptionem et emissionem. Est etiam nigra propter malencoliam cuius est receptaculum [illegible] est et a sinistris inter costas stomachi posita propter sinistram partem temperandam et [illegible] ac propter conservationem stomachi [illegible] Dicitur [illegible] est ducatum [illegible] ex qualitate humoris feculenti [illegible] dissimilium. Contingit etiam splenem pati quia [illegible] deficit et hoc quia non sufficit humorem ad se attrahere vel attractum ad loca alia destinare. Item quia ex oppilatione [illegible] humoris grossi et viscosi in viis splenis appellatur et adiuvant [illegible] et eius actiones impediuntur. Item quia ex nimia humoris repletione propter humores ad splenem affluentes propter suam [illegible] attrahunt et sufficient ne evacuat [illegible] et in concavitatibus splenis indurantur. Item quia ipsius splenis substantia [illegible] videatur [illegible] si splen sit magna corporis [illegible] ipsius splenis [illegible] ad [illegible] potius quam ad magnitudinem tendens [illegible] dicit Constantinus libro quinto.

## Capitulum de visceribus

Viscera [illegible] interiora dicuntur proprie intestina membra vitalibus subdita et subiecta quibus dicuntur intestina [illegible] quedam interiora corporis [illegible] Viscera que vitalia [illegible] vitalibus circa [illegible] vita est in [illegible] Ysidorus.

Et [illegible] Constantinus intestina quedam sunt membra [illegible] nervosa grossa et rotunda per [illegible] latitudinem et longitudinem collocata. Quorum [illegible] est substantia stomachi [illegible] Sunt autem [illegible] principalia intestina quorum tria sunt subtilia que superius sunt [illegible] tria vero sunt grossa ab inferiori [illegible] Primum intestinum [illegible] vocatur duodenum quia in sua longitudine [illegible] mensuram [illegible] est xij digitorum et hoc [illegible] dorsum [illegible] et nec nulla parte [illegible] Secundum vocatur ieiunum quia semper a cibis est vacuum, et dicit quod in mortuo semper [illegible] vacuum. [illegible] ab [illegible] quia [illegible] omnia [illegible] Tertium subtile est appellatum [illegible] ibi corpulenta est [illegible] Inter grossa vero intestina, primum vocatur orbum, et [illegible] illud intestinum [illegible] quod ipsum sit orbatum et [illegible] ab altero orificio. Cum enim [illegible] intestina duo orificia habent, istud habet unum solum, et ideo se habet ad modum sacci qui multa recipit et pauca [illegible] Secundum vero intestinum sub orbo situm [illegible] dicitur [illegible]

Eo quod in illo intestino ulcera passiones [illegible]
consueverunt. 3us intestinum vocatur a quibusdam
colon aliis longum vel rectum, et hoc
intestinum continuis totius corporis districtio
est [illegible], et in hoc intestino gravis-
sima passio colica generatur vel ipsius
intestini iniuria contingens vel aliorum
humorum [illegible] et fit coadunatione.
Et per [illegible] illius intestina op-
pilantur sicut narrat Constantinus
et Galienus super amphorismum [illegible]
ex [illegible] ad quid sunt intestina
necessaria quia cibus [illegible] et in sua
gravitate superflua [illegible] ad [illegible]
[illegible]. Unde [illegible] intestina
[illegible] rotunditas [illegible] et volubi-
litas ut dicit Constantinus [illegible]
[illegible] in corpore [illegible]
[illegible] et 2um [illegible]
superflua expellere, et necessaria [illegible]
[illegible] rotunda, [illegible] super-
flua diu remanerent quod corruptionem
induceret in intestinis. Sunt autem
intestina duobus panniculis ad invicem
involuta, et hoc fuit necessarium, ita quod
unus panniculus pateret ab alio sub-
veniret. Sunt etiam intestina [illegible]
[illegible], et ut corpus [illegible] expa-
[illegible] superfluitates expellunt, et [illegible]
necessario [illegible] quemadmodum [illegible]
[illegible]. Sunt etiam intestina [illegible]
[illegible] involuta ad invicem et [illegible]
vel ut minora maioribus et [illegible]
[illegible] et fortioribus
[illegible] sic [illegible]
[illegible] in expulsione superfluitatum et [illegible]
necessaria aptius [illegible] dicit [illegible]
lo 2o [illegible]
[illegible] variatur in [illegible]

[illegible]

ca^m de renibus

Capitulum de renibus

R[illegible] ... [illegible] facti sunt de corpore [illegible] ... [illegible] ob [illegible] ... tenue humorem [illegible] ... in renibus ut liquor rursus a re[illegible] ... [illegible] resolvit receperit [illegible] ... se diffundit ut dicit ysidorus. Locantur in lateribus spondilium dor-si in quibus est sedes venerie delectationis [illegible] ut dicit ysidorus. ob libidinis lasciviam lombi sunt dicti. Unde [illegible] renibus et lom-bis est [illegible] voluptas. [illegible] renibus dicit Const[antinus]. fuerunt facti ut ab epate [illegible] sanguinem suggentes [illegible] depura[illegible] et eius [illegible] ad vesi-cam per meatus [illegible] [illegible] transportent. [illegible] dicit aly[illegible] super [illegible] ut [illegible] duos renes ut attrahant aquo-sitatem sanguinis ab epate et eam trans-mittant [illegible] ad vesica[m] [illegible] dicit [illegible] renes sing[illegible] fuerunt causati vel facti propter vesicam [illegible] vesice [illegible] esset et pre-[illegible] renes sunt ad [illegible] sup-[illegible] [illegible] ad inferiora [illegible] [illegible] animalibus [illegible] renis [illegible] dexter [illegible] est pinguedo [illegible] sinistro [illegible] [illegible] humor [illegible] et maioris motus et caloris. calor autem dissolvit pinguedinem et consumit [illegible] renes sunt [illegible] membris [illegible] propter hoc indigent magno calore. Renibus [illegible] renes sunt [illegible] et [illegible] caloris [illegible] spondilium dorsi sunt [illegible] temperatum [illegible] [illegible] epatis aquositatem humoris attractivam [illegible] [illegible] caloris [illegible] humoris [illegible] carnosi rotundi porrosi pinguedine [illegible] carnosi

quippe sunt et porrosi propter [illegible] superfluitatis [illegible], ut rotundi ut [illegible] [illegible] humorum aliquid ad pu-trefactionem. pinguedine sunt [illegible] ne [illegible] ossium dorsi aliquam [illegible] le-sionem. Recipiunt autem renes quas-dam venas ab epate egredientes quibus humores digestionis superfluos [illegible] ad ipsos renes [illegible] [illegible] [illegible] vel in suo [illegible] impeditur [illegible] [illegible] epate patitur. Renibus [illegible] re-nibus varie passiones ut dicit Const[antinus]. libro 2° ca° 24 [illegible] si [illegible] epat [illegible] dant renes ab [illegible] sanguinis [illegible] sui [illegible] depauperantur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] inferioris caloris vel frigori constringuntur et ex humoris putrida super-fluitate [illegible] [illegible] [illegible] [illegible] tendunt et dilatantur et per quos cor-rumpuntur vel ipsi humores desiccati per [illegible] et in calculum [illegible] [illegible] et alios morbos patiuntur sicut ex epatis [illegible] frigore nimio vel calore.

Capitulum de vesica.

ca^m de vesica

Vesica ut dicit ysidorus. a vento [illegible] est dicta. [illegible] per venti [illegible] [illegible] et dilatatur [illegible] per venti [illegible] [illegible] et [illegible]. Vocatur autem vesicula per diminutionem a vesica dicta. vesi-cula deprehenditur in [illegible] avis sicut bursa in qua [illegible] [illegible] [illegible] [illegible] in [illegible] vesicula digestionis [illegible] in [illegible] [illegible] preparantur. Et in [illegible] [illegible] tanquam in promptuario [illegible] [illegible] [illegible] [illegible]. Est vesica prout dicit [illegible] Constantinus, est [illegible] [illegible] et rotundus et gra-[illegible] sicut [illegible] in [illegible] [illegible] clausus excepto solo orificio superiori [illegible] [illegible]

eius sit dura ut accidit urine au
est temperatum liberet. Fuit et ex ea
pte clara intrans ut liquor sit
[illegible] violentius expellere [illegible]
p bru et ideo fortius urine rep
ditur et p qd accidit ut p in an
thonia. Fuit etiam rotunda ut in
augmento calefacto sanguine dilla
taret et ad ipius subtractione sapa
tior redderet ut dicit Avicenna li. 13. q
omne animal habens intrinsecus multum
fuit nocitiva vesica ad recipiendum huius
superfluitates humiditatis. Item ideo
nullum animal habens plumas aut squamas
aut cortices fuit habens vesicam
omnia preter testudinem marinam aut sil
vestrem. Nam superfluitas in hoc animalis
transit in nutrimentum squamarum et
plumarum et hoc Item ideo li. 3. omnia
animal generans habet vesicam non
pp aldam eminus lacitatem et non est
humiditas a vesica mortuorum Et forte
aggregatur in vesica superfluitas sicca
et ex ea contingit lapis. Secundum eumdem li. 6.
in omni animali carenti vesica est urina
appetens sterconis et superflue humiditatis
Capitulum de urina

Urina est colamentum
sanguinis et aliorum humorum ex attrac
tione membrorum generata. Nam ab epate su
mit initium et in renibus sortitur receptaculum
et calorem. Aquosa enim substantia sanguinis
per quasdam venas subtiles transmittitur
ad renes nutriendos. [illegible] ad renes habet
[illegible] regionis [illegible] et aliorum
[illegible] aliqualiter depurata est [illegible] colore
et spatio et [illegible] tingit et [illegible]
Et sic descendens per poros [illegible]

in vesicam et [illegible]
[illegible] substantia humida [illegible]
coniuncta est urina [illegible]
tiva et mediativa quia [illegible]
[illegible] per urinam et [illegible]
[illegible] et [illegible] et [illegible]
[illegible] [illegible] [illegible]
[illegible] et [illegible] partes [illegible]
las et vesicas [illegible] [illegible] ab
luere. Item potu [illegible]
[illegible] mutatur natura [illegible] et [illegible]
[illegible] Cum felle et [illegible]
et [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible]
dixit Constantinus. Et [illegible] de urina
non est aberrandum quia in [illegible]
et [illegible] dicit etiam urina [illegible]
[illegible] quod idem est ad demonstrationem
[illegible] interiora ut [illegible]
[illegible] urine [illegible] ut [illegible]
de [illegible] eius virtutis naturalis in
[illegible] et in aliis membris [illegible]
p urine [illegible] et colore et [illegible]
p [illegible] sive substantia qua
[illegible] [illegible] [illegible]
Nam si fuit ista residentia in fundo
vasis alba pura coadunata non
[illegible] fortitudine [illegible] et [illegible]
et [illegible] [illegible] caloris naturalis
in [illegible] membris [illegible] [illegible]
[illegible] urine [illegible] [illegible]
[illegible] et media regione corporis [illegible]
[illegible] et [illegible] ad [illegible] [illegible]
[illegible] si urina in [illegible] [illegible] in
colore et substantia bene disposita [illegible] non
[illegible] aliquibus obumbrata [illegible]
[illegible] indicat esse sanum [illegible]
p partes urine superior quia [illegible] si
[illegible] media [illegible] de fortitudi
[illegible] [illegible] in regione [illegible] [illegible]

[illegible] rubeus minus rubeus
[illegible] lividus non lividus et
[illegible] in colore et substantia tem-
[illegible] et aliqua nebula circa
[illegible] demonstrat esse tuta. Si
vero signa sibi invicem contraria designat
corporis dispositionem. Judicatur
autem urina proprie circa substantiam et colorem.
Nam aliud signat que est tenuis in substantia
que notat humoris digestionem / siccitatem. Aliud
que est spissa que humoris humiditatem. Et aliud que
est mediocris que tunc designat temperamen-
tum sive equalitatem sive mediocritatem.
Secundum colorem autem judicatur que multi
sunt colores scilicet xx ut dicit Ysaac et Egidius
quorum quidam significant caloris nimis su-
perfluitatem / alii remissionem et alii
mediocritatem. Nam remissionem caloris de-
signant omnes a citrino inferius ut pa-
lidus glaucus lacteus karopos et hujus-
modi. Intensionem vero a rufo superius
[illegible] non sunt. Subcitrinus citrinus
subrufus rufus. Inter hos est quedam
mortificationem ut niger. Lividus in-
[illegible] quidam indigestionem ut albus
lacteus glaucus. Quidam digestionis
incipientis et mediocrem ut subpallidus pallidus.
Quidam perfectam digestionem ut citrinus
et subcitrinus. Quidam excedentem
intensionem ut subrubicundus rubicundus.
Quidam adustionem ut inopos aureus
et aureus. Quidam superadustionem
et mortificationem ut viridis niger
tamen causatur a frigore calore naturali
extinguente. Similiter procedit lividitas
sed quandoque ex ultima adustione
procedit viriditas. Istorum autem colorum particulares
significationes et consistentias
determinare et causas differentias vero [illegible]
ad hoc opus [illegible] scire voluerit

libros Ysaac Theophili Constantini et ceterorum
legat, in quibus tractat perfectissime de uri-
nis. Sed ista ad presens sufficiant.

De ventre.

Venter uterus et alvus ut dicit Isidorus
differunt ut dicit Ysidorus. Venter
enim est qui acceptos cibos digerit et
apparet extrinsecus, et est dictus ven-
ter quod per venas vitale cibus ad totum
corpus. Alvus est qui cibum recipit et
purgari consuevit. Uterus solarum mulierum
est in quo concipiunt et dicitur uterus
eo quod fetu impleatur interius, ut dicit Ysidorus.
Est igitur venter intestinum totius
corporis receptaculum ut dicit Constantinus
membrorum nutribilium sedes prime digestionis
vel quasi fundamentum. Cujus creatio est
nervosa, [illegible] et nuda, et propter hoc ne-
cessitate [illegible] panniculis [illegible]
[illegible] est propter membrorum [illegible]. Cujus
dispositio est rotunda et oblonga. Rotunda
propter [illegible] ciborum receptionem et mem-
brorum nutribilium receptio collocationem.
Oblongus fuit propter facilitatem spatii cum
superioribus et inferioribus constructionem
sive colligationem, medium enim locum in
corpore sibi vendicat, ut nutrimentum in-
ferioribus et superioribus membris distribuat
et transmittat. Est igitur venter in omnibus
partibus mollior et firmior et [illegible]-
tatis est utilior. Nam tanquam venter [illegible]
per orbis allendos membris cibos recipit
et decoquit et ad singula debita singulis
nutrimenta dividat et transmittat. Super-
fluitates multas per alia membra
nutrimentum nisi recolligit / [illegible] dum
sine non sustinens ipsa [illegible] sic vivit et
expellit ex mala dispositione membrorum
nutribilium [illegible] diversas in-
firmitates [illegible] et [illegible].

quibus passionibus tanto sunt periculosiores
quanto cordi et aliis vitalibus sunt propin-
quiores. patet si quis pro nimia repletione
et tunc non curatur nisi per aquam evacuationem
et sic non molestatur pro nimia [illegible]
et per aquam repletionem [illegible] iste
dicit in amphorismis. Quecumque igitur rotundi-
dinis et plenitudinis sunt evacuatio
sanat. et quecumque ex evacuatione fiunt
plenitudo. Item [illegible] diu-
sitate corporis [illegible] calor
naturalis [illegible] con-
clusus fortius operatur unde in yeme ap-
petitus maior accidit et digestio [illegible]
liberatur fortior que ut dicit in amphorismis
ventres in yeme et vere calidi sunt natura
et sompni longissimi

## De umbilico

Umbilicus est medius corporis locus
sic dictus quia duorum umbilicus sit
umbilicus in medio clipei locus est di-
ut dicit ysy. Ex umbilico enim infans
pendet in utero ac nutritur. Est autem
umbilicus secundum constantinum ex duabus venis
et arteriis compositus quo venter fetus sibi
sanguinem attrahit et suggit et per ipsas arterias
spiritum recipit. Rumpitur autem umbilicus in
nativitate dum fetus egreditur et cum fetus
exit quem obstetrices ligant [illegible] digitorum
longitudine et ex hac ligatura fiunt
[illegible] umbilici et rotunditatis [illegible]
usque constantinus. Super exodum autem dicit
glosa sic 12 capitulo. natale est infantibus hom-
inum umbilicum precidere ac ad deluendum
sanguinem aqua lavari [illegible] huius pru-
[illegible] sale siccari [illegible] corpora stu-
[illegible] panis ne umbra defluat et sic de-
pravarentur [illegible] et dicit glosa [illegible] um-
bilicus est [illegible]
[illegible] et singula [illegible] huius [illegible]

nutrimentum. Item umbilico autem [illegible]
[illegible] mulieris sunt in lob [illegible]
sunt [illegible] et de umbilico [illegible]
figuratur in lob. 40. [illegible]
ventris de umbilico et dicitur [illegible]
de [illegible] et [illegible] umbilicum pro-
partus et cum restat primus vel alius
latet umbilicum nec [illegible] apparet quo co-
[illegible] cum intestino per aliquam [illegible]
venas. Item [illegible] 10. [illegible] umbili-
[illegible] venas et [illegible]
cum [illegible] et currit sanguis a ma-
trice per venas umbilici [illegible] ad pi-
[illegible] [illegible] pre-
cessit umbilicum ut dicit [illegible]

## Capitulum de genitalibus

Genitalia sunt [illegible] ut nomi-
ne ipso docet quod generandi soboles ini-
tium [illegible] ut dicit ysy. hec et pu-
denda [illegible] dicuntur [illegible] et [illegible]
que non sunt [illegible] sic [illegible]
membra que [illegible] sunt locata. et [illegible]
[illegible] quod [illegible] dicit. [illegible]
[illegible] que [illegible] est [illegible] vel que est
[illegible] vel [illegible] que [illegible]
[illegible] propter [illegible] iste [illegible]
a [illegible] ut dicit ysy. [illegible]
et alia membra [illegible] fonda-
[illegible] testiculi [illegible] a testibus dicti
[illegible] a duobus [illegible] testi-
monium non est aliquid [illegible] hy [illegible]
[illegible] qui a spina me-
dulla et a renibus suscipiunt [illegible]
[illegible] ysy. [illegible] constantinus dicit quod
[illegible] est composita de carne glandosa
alba molli et rara et hec fiunt pro [illegible]
[illegible] et sanguis mutatur
in albedinem [illegible] dicitur [illegible]
membra principalia. que principales actiones
[illegible] sunt propter [illegible] que

[illegible] fuerint. Vigor virilis [illegible]
[illegible] masculinus [illegible]
[illegible]. Et ideo [illegible]
[illegible] qui castrantur ante pollutionem
[illegible] non crescit nec vox post hoc
[illegible]. Si vero castrentur post pollutionem
per pilos [illegible] omnes pili
[illegible] et [illegible] et molles [illegible]
et corpore [illegible]. Unde [illegible]
homines qui castrantur [illegible] et efficiuntur
sicut [illegible] et [illegible]
[illegible]. Animalia autem que castrantur [illegible]
[illegible] efficiuntur [illegible] si castrantur
post [illegible] non augmentantur cornua
et si castrentur ante [illegible] cornua non
[illegible] cornua, et si post [illegible] castrentur
[illegible] cornua amplius non [illegible]
cornua [illegible] sicut fuerunt [illegible]
[illegible] ibidem [illegible] si [illegible]
[illegible] post annum [illegible]
[illegible] radices [illegible]
[illegible]. Et si [illegible]
[illegible] testiculis [illegible] et [illegible]
[illegible] super [illegible]. Et quedam animalia castrant
sibi [illegible] testiculos sicut castores [illegible]
et [illegible]
[illegible] testiculos proprios. Et matres
a masculis [illegible]
[illegible] ut castrentur [illegible]
[illegible] testiculis post tempus [illegible]
[illegible]
[illegible]
[illegible] testiculi [illegible] sibi subministra-
tibus [illegible] seminalis [illegible] et est
[illegible] radicale fundamentum. Nam ut dicit
Constantinus [illegible] animalium [illegible]
generationem [illegible]
[illegible] quibus [illegible]
[illegible]
ad [illegible] talibus membris genitalibus [illegible]
[illegible] quodam [illegible]

ad conservationem sue speciei et sue multiplica-
tionis creavit et hoc genus divino munere [illegible]
est ut forte abhorrato [illegible] ab animalibus
generatio obmitteretur. Ad quartam autem [illegible]
[illegible] est duo animalia generare ma-
sculinum scilicet et femininum ex quo semine mu-
tuo pervenit quodlibet individuum [illegible]
quod in uno genere [illegible] femina est [illegible]
[illegible] et passivum in masculo [illegible] est for-
male [illegible]. Et ideo dicit [illegible]
in [illegible] quod [illegible] animalium duplex est [illegible]
scilicet maris et femine. [illegible] autem [illegible]
est [illegible] femina autem est sicut
materialis. Et [illegible] utrumque sit [illegible]
[illegible] vel [illegible]
[illegible] duo membra generantium [illegible] alter [illegible]-
[illegible] et alter recipit
[illegible] talem a deo sapientissimo est
formatum ut ad opus suum neque [illegible]
[illegible] neque [illegible] ut dicit Con-
stantinus [illegible] membris [illegible] ab
[illegible] qui ipsis ad generationem [illegible] non
[illegible] potius quam [illegible] ordine et na-
tura non ad [illegible] prolis sed potius turpi-
tudinem ad libidinem [illegible] dignoscuntur.
Et ideo [illegible] materiam [illegible] duxi [illegible] silentio
pertransire [illegible] forte [illegible] explanando
[illegible] progressum vel finem [illegible] car-
nalibus [illegible] cogitationes carnalia [illegible]
[illegible] hoc solum admonens [illegible]
ut [illegible] membrorum [illegible] officio
[illegible] abutendum. Nam quamquam [illegible]
[illegible] generationis [illegible] usus voluta-
[illegible] membris genitalibus ludibria libidinis
[illegible] et [illegible] et [illegible]
[illegible] videntur [illegible]
[illegible] quod [illegible]
[illegible] filios [illegible] possident. Nam ab usu
[illegible] per [illegible] et offe-
[illegible] quia [illegible] tollit gratiam [illegible]
et societati angelice acquirit [illegible]

[illegible] famam [illegible] spoliat [illegible] ut dicit Anthonius

## Capitulum de matrice

Matrix in femina est singulare membrum ad modum vesice dispositum ad susceptionem humoris seminalis a natura deputatum. Ad ipsam tamquam ad mulieris sentinam affluit [illegible] menstruosa superfluitas que per [illegible] fluxum et refluxum menstruum [illegible] per circuitum lunarem semel solet accidere. Hoc profluvium ut dicit Ysidorus menstruum muliebria nuncupatur eo quod in mulieribus duret ut quamdiu viget in eis virtus generandi, quibus totaliter deficientibus deficit generatio. Et dicuntur muliebria quia in solis mulieribus propter infirmitatem inveniuntur. Sola enim mulier animal menstruale est ut dicit Ysidorus. Cuius cruoris contactu fruges non germinant, moriuntur herbe, amittunt arbores fetus. Huius sanguinis proprietatem et alias qualitates supra habes in tractatu de humoribus. [illegible] est humane conditionis [illegible] nobilitatem et [illegible] est [illegible] in matrice vero [illegible] agens [illegible] nativitatem [illegible] nutritur infans [illegible] in matrice [illegible]. Habet autem matrix duas cellulas sive concavitates dextram et sinistram, in qua masculus generatur est sinistra que [illegible] femine deputatur. Fetus autem [illegible] duas concavitates [illegible] utriusque sexus dispositionem [illegible] assumunt. In Anthonia [illegible] dicit quod matrix habet septem cellulas, a dextris masculis deputatas et tres a sinistris feminis deputatas. In medio de[illegible] nascuntur hermafrodite in matrice [illegible] fetus a [illegible] qui est sic [illegible] eius folliculus sive pellicula que vocatur secundina que simul cum infante nascitur. [illegible] in matrice [illegible] post partum [illegible] periculum inducunt [illegible] medicine [illegible] vel remedio

[illegible] Subeant [illegible] patitur [illegible] fluxum humorum [illegible] ex [illegible] humore [illegible] vel [illegible] constrictione vel [illegible]. Et hec [illegible] per signa [illegible] demonstrantur. Item quando patitur [illegible] superfluorum humorum menstrualium fluxum et effluxionem vel ex nimia habundantia quam natura non potest sustinere vel ex nimia [illegible] humorum [illegible] que non potest retinere. Et hec passio si [illegible] diu durat [illegible] quo minus [illegible] fuit apta difficile assequitur. Item patitur suffocationem in qua passione mulier dicitur suffocari [illegible] contingit ex nimia humorum repletione [illegible] ex corrupta et venenosa [illegible] ex corruptione humorum [illegible] mulier repleta et [illegible] alienata [illegible] vel pene [illegible] suffocationem.

Item quandoque patitur [illegible] in dextro latere vel sinistro plus [illegible] mulieris [illegible] quod accidit ex [illegible] ex [illegible]. Item patitur [illegible] apostemata cum [illegible] punctura et dolore ut dicit Constantinus [illegible] sequitur punctura, dolor gravissimus et punctura [illegible]. Item patitur [illegible] dolorem et distensionem ex motu [illegible] et [illegible] pondus [illegible] tempore [illegible] atque [illegible] item patitur [illegible] in partu [illegible] fetus [illegible] aliquo impeditur quod contingit [illegible] ex [illegible] corporis mulieris [illegible] ex nimia pinguedine [illegible]

[illegible] magnitudine [illegible]
[illegible] virtutis [illegible]
[illegible] contingit [illegible]
[illegible] non fit adiuvat
[illegible] [illegible] partum. Et aliquando
[illegible] puer et gestat in utero
aliquod monstruosum sicut
narrat [illegible] Accidit etiam mu-
lieribus post impregnationem infirmitas
[illegible] que mola dicitur. putabat
enim quedam mulier post conceptum
[illegible] impregnata et inflabat ven-
ter [illegible] apparuerat [illegible]
[illegible] et cum pervenit tempus pariendi
[illegible] diminuebat [illegible] tu-
mor ventris [illegible] mansit per [illegible] annos
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] hoc accidit sicut [illegible] dicit
[illegible] [illegible] substantie [illegible]
[illegible] et [illegible] male disponens [illegible]
[illegible] [illegible] quod mola dicitur [illegible]
[illegible] et multis aliis modis patitur
[illegible] matrix [illegible].

Capitulum de naribus

Nates dicitur [illegible] [illegible]
[illegible] ut dicit ysidorus [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] nates
[illegible] [illegible] qui a [illegible]
[illegible] et usque ad nates [illegible]
[illegible] ysidorus. Nates autem secundum Constantinum
[illegible] et propter hoc [illegible]
[illegible] [illegible] [illegible] Et [illegible]
[illegible] ad [illegible] [illegible]
[illegible] ad [illegible] [illegible]
[illegible] ut dicit Constantinus libro [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

[illegible] [illegible] ad [illegible]
[illegible] [illegible] [illegible]
[illegible] Circa [illegible]
dicit [illegible] femora [illegible] et [illegible]
[illegible] [illegible] [illegible] brachia.
[illegible] [illegible] [illegible]
[illegible] dicit ysidorus. Sunt autem femora
magnis ossibus [illegible] ut dicit Constan-
tinus [illegible] [illegible] parte
[illegible] a parte anteriori [illegible] duo
[illegible] [illegible] Sunt autem [illegible] ma-
gnitudo vel [illegible] corporis [illegible]
ossium fundamenta, vel quia [illegible]
[illegible] [illegible] per quos
fit [illegible] motus voluntarius. Forti-
tudo autem [illegible] [illegible] fuit utilis
ut [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible]
[illegible] ossa [illegible] aliquantulum
[illegible] et hoc fuit [illegible]
[illegible] [illegible] fortiora [illegible] totum corpus
[illegible] [illegible] [illegible] Concavitas
autem fuit [illegible] [illegible] [illegible]
[illegible] [illegible] Concavitas
[illegible] fuit [illegible] gravitas [illegible]
[illegible] Sunt autem femora carne
et musculis munita ut ossa [illegible] tu-
[illegible] ab exteriori [illegible] lesione [illegible]
[illegible] Sunt etiam [illegible] parti-
bus superioribus grossiora, ad [illegible] non [illegible]
[illegible] [illegible] et hoc [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] perfectionem.

Capitulum de genubus

Genua secundum ysidorum [illegible] [illegible] fe-
moris et [illegible] et sunt dicta genua
[illegible] [illegible] [illegible] opposita [illegible]
[illegible] [illegible] et [illegible] [illegible]
[illegible] et [illegible] [illegible] genubus [illegible]
[illegible] [illegible] [illegible] [illegible]

de genubus

sursum sunt quia genue orbi formant et
ut concaua ac rotunda efficiant secundum uela
[illegible] genua coniungunt [illegible] genua fuit est
dum [illegible] ad genua se prosternunt fa
cilius lacrimant. Voluit enim nos natura
[illegible] memoriam [illegible] in utero
[illegible] ad lucem ueniret.
Dicit ysidorus. Sunt autem genua [illegible]
ysy. li. x. ca. 8. ossa [illegible] rotunda carti
laginosa atque genua [illegible] rotunda [illegible]
curua et [illegible] ut in [illegible]
facilius iungerentur. Neruosa sunt ut
et facilius curua a superioribus separentur
propter hoc uero sunt neruosa ut actiones sensi
biles ad motum [illegible] facilius ad partes
inferiores transmitterent. Et paupera
autem genua a carnositate et pinguedine
propter motus continuitatem. Si enim essent ni
mis carnosa et facilius oppilarentur et
sic actiones uirtutis sensibiles per carnis
grossitiem impedirentur. Unde et genua
quia neruosa sunt ualde sensibilia
et et facilius lesionem incurrunt quia corp
[illegible] sensibiliores interius uel exterius
aggrauant.

De cruribus capitulum

Crura a currendo enim sunt dicta quia
in hijs cruribus currimus et [illegible]
[illegible] sunt dicte tibie quia tibie sunt
tibie in [illegible] et longitudine ut dicit ysy.
Sunt autem crura secundum constantinum inter
femora et pedes in medio quibusdam
neruis et lacertis cum superioribus et infe
rioribus concatenata per quos influunt sensibiles
motus et regitur uirtus ad pedes de
riuatur. Sunt autem crura ex ossibus
fortissimis composita, que tamquam columne
corporis ad fulcimentum [illegible] sunt habilia.
Sunt etiam quibusdam musculis et carno
sitate a parte superiori uestita ut sic in
[illegible] corporum femoribus [illegible]
[illegible] ad [illegible] offendicula [illegible]

[illegible] data ad motum [illegible]
carnositas ipsorum [illegible]
[illegible] est collocata. Sunt et neruo
ut sic ad motum uoluntarium [illegible]
Sunt et medullis plena [illegible]
talis et animalis per [illegible]
[illegible] medulla [illegible] ossium [illegible]
[illegible] medulle humectatione [illegible]
ut dicit constantinus.

Capitulum de pede

Pes ut dicit ysidorus a pedibus [illegible]
[illegible] mobilis dicitur. Nam pedes
alternis motibus solo infixi [illegible]
autem pes [illegible] pars hominis substentans
pondus totius corporis. Componitur autem
secundum constantinum ex ossibus xxvi quorum
duo sunt [illegible] duo [illegible]
pedum x digitorum xxx. Cum autem pes sit
carnosus in [illegible] planus in medio
[illegible] grauis non carnosus et ossa
et [illegible] durities uincit. Planus
fuit ut supposita facilius pateret [illegible]
grauis fuit ut pes [illegible] suppositum
ad grauium locum [illegible] duritie
[illegible] et neruis ossa eorum colligantur
[illegible] fuit [illegible] ad maius robur per
maiorem corporis sustentationem ut [illegible]
[illegible] motum [illegible] habeant autem
pedes in animalibus dicit autem aristoteles libro 1°
quod animalia pedes habentia [illegible] ad medium
et posteriores et [illegible] in lateribus [illegible]
[illegible] sanguineum et [illegible]
[illegible] proprium [illegible]
[illegible] Et causa illius est quia pedes
anteriores et posteriores sunt [illegible] in
loco uno. Item dicit quod non possunt
in animalibus [illegible] in quadrupedibus
pedes anteriores [illegible]
[illegible] ut portent pondus [illegible]
[illegible] in [illegible]
[illegible] Nam ad terram totum corpus
[illegible] suo [illegible] inclinatur et ad [illegible]

mouet isto bestiali appetitu. Et ideo animalia
[illegible] ut possit habere
[illegible] motu cum corpore
[illegible] Et ideo et fuerunt pedes posteriores
[illegible] Sicut idem dicit de
quod pars anterior omnium animalium quadrupe-
dum maior est et temperatior parte
posteriori et id ut facilius possint eam
[illegible] mouere posterius sit et anteriores
pedes posteriores sunt minores. Contrarium est
in pueris, quia pars anterior est pon-
derosior quam posterior inferior, et propter
hoc incedunt pueri super manus inveniuntur
et utuntur manibus pro pedibus in tem-
pore quo possunt elevare corpora sua
quia pars superior eorum maior est inferiori.
Et ideo cum crescit homo augmentatur
pars inferior et attenuatur. Unde paulatim
surgendo erigitur. Ideo autem quadrupedia
[illegible] quia superior pars prima est valde magna
[illegible] in iuventute prope
et crescit pars superior et elevatur et propter
hoc cum elevatio capitis et anteriores
partes eorum multum minor quam partes
posteriores. Signum huius est sicut vitulus
dicitur quod pullus equinus [illegible] posteriori [illegible]
[illegible] caput suum [illegible] statim [illegible]
[illegible] Item dicit [illegible] libro 2o [illegible]
sinistra in animalibus in parte anteriori [illegible]
absolutius [illegible] motus sicut sinistra
manus in [illegible] in elefante. Et
similiter dicit [illegible] elefans [illegible] flectit
pedes suos [illegible] simul [illegible]
pondus corporis et flectit pedes posteriores
sicut homo. Item idem dicit quod volatilia
flectunt pedes suos ad posterius sicut alia
et sicut homo manus flectit ad anterius.
Item idem dicit quod pes dexter maioris
est motus [illegible] in animalibus quam sinister.
Et ideo animalia [illegible] ambulantia
primo mouent pedem dextrum sicut leo et ca-
melus arabicus et dromedarius. Aliqua

tamen quaedam animalia mouent primo pedem sinistrum
sicut lupus et vulpes quia habent pedes et
tibias sinistras [illegible]
et semper claudicant a dextris in sinistris
[illegible] alterius crescendo [illegible] ad dextram [illegible]
Est itaque pars dextra maioris caloris [illegible]
[illegible] quam sinistra et est [illegible] ad
[illegible] Galienus super amphorismos dicit quod si mu-
lier fetus in utero gerens stans iunctis
[illegible] subito vocata fuerit si
masculum habet in utero primo ad mouendum
pedem dextrum mouebit. Si vero feminam
gestaverit sinistrum. Item dicit [illegible] libro 2o
24o quod omne animal multorum digitorum in
pedibus est multorum filiorum etc.
Item idem libro 2o pedes omnium quadrupe-
dum fiunt ex ossibus et nervis et ex mo-
dica carne et similiter volatilium et bipedalium
preter hominis cuius pedes fiunt subtus
multe carnis et hoc propter ossium et ner-
vorum [illegible] defectionem. Item [illegible]
animalia [illegible] pro loco manus in
summa in quadrupedibus [illegible] et [illegible]
in volatilibus [illegible] adiutorio [illegible]
[illegible] Item idem libro 13o a-
nullum animal habet scissuras multas in
pede sine cornua [illegible] omne animal habet [illegible]
mos in ore [illegible] habet ungulas
pedis scissas sicut aper. Item libro 14o pe-
des in apibus posteriores maiores sunt quam me-
dii vel anteriores propter ambulationem et
ut cito eleventur a terra cum voluerint
avolare. Item libro 10o omnis quadrupes
habens multas scissuras in pedibus ut
canis lupus leo et vulpes generant
filios cecos. Et pes [illegible]
pes est in ultimo animali ad eius per-
fectionem longus est et planus [illegible]
propter [illegible] digitorum et
[illegible] propter [illegible] ossium
et nervorum propter [illegible] in

animalibus necnon ad eorum directionem et motionem, sursum ad eorum sustentationem. Item volatilibus scissi pedis et curvam ungulis adunctis in arripiendo in volatilibus clausi pedis ad suum regimen in aquis et directionem. Et haec de pedum proprietatibus iam dicta sufficiant.

## Capitulum de planta pedis

Planta pedis est extrema pars animalis a planitie sic vocata, planities enim in ea cernitur, ut firma terre innitatur, ut dicit Ysidorus. Durior vero debilior quia extrema pars corporis frigido vel aliis obviantibus subito patiatur. Ideo etiam plantae pedis vinculis muniuntur ne de facili calceamenta offendantur. Planta enim totius corporis mole et pondere opprimitur et ideo vel caligis vel soleis indigent ne ledantur.

## Capitulum de calcaneo

Calcaneus posterior pars pedis et inferior a calcando dictus, quo vestigia imprimimus ut dicit Ysidorus, et est rotundus in dispositione ut dicit Constantinus et aliquantulum oblongus, rotundus ne de facili ledatur, oblongus ut firmius imprimatur. Solidus est sunt [?] ne de facili impressionem ex violentia ligamentis colligatis, ut sursum et deorsum facilius moveantur. Vulnera sibi impressa sunt difficilis curationis tum propter carnis paucitatem, tum propter motus continuitatem, ut dicit Constantinus libro 2° [?]

## Capitulum de ossibus

Dicto de proprietatibus membrorum consimilium et officialium, de similibus membris et corporum componentibus nunc dicendum est et primo de ossibus. Nam ossa sunt totius corporis solidamenta ut dicit Ysidorus. In hiis enim totum robur consistit animalis. Sunt autem alia ossa ab ustione dicta quia ab antiquis cremabantur, vel ut alii putant ab ore dicuntur ossa eo quod in ore pateant. Nam ubique cute et carnibus tecta celantur, exceptis dentibus in quibus ossa dentium demonstrantur. Compago ossium capitis sunt [?] ex [?] comparata invicem velut glutino [?] haerent. Ubi enim sunt [?] partes nodis grossioribus conglobatae sic deficiunt quod ad fluxionem membrorum non veniunt, ut dicit Ysidorus libro xi° 2° [?]. Constantinus libro 2°. Os est durior et fortior pars totius corporis animalis, et hoc fuit necessarium. Tum quia ossa sunt corporis fundamenta super quae totius corporis fabrica est firmata, et ideo oportuit ea esse firmiora. Tum quia ab exterioribus defendunt interiora. Sunt autem ossa in corpore multa in specie diversa, et hoc propter maiorem corporis fortitudinem, vel propter motus leviorem facilitatem, vel propter praecavendam nimiam corporis passibilitatem, tanta est enim inter membra corporis colligantia quod uno patiente cetera compatiuntur. Unde natura sic duplicavit membrum ut si unum patiatur alterum compatiatur, per quod deformis patiatur supplicium. Et ideo ubi opus fuit composuit ossa ut competens fuit diversa quia in maximis membris maxima et in parvis parva. Item sunt in qualitate diversa nam quaedam sunt longa, quaedam grandia, quaedam rotunda et quaedam solida. Solida sunt quaedam propter maiorem firmitudinem. Cava ideo propter maiorem motus levitatem. Nam quia magna erant et mobilia forent nisi cava essent gravia, et quia duabus de causis sunt medullis plena, ne scilicet in caliditate frangerentur et ut nutrirentur, tum propter humectationem. Medulla per ossium cavernas quae sunt ipsis ossibus in continuo est interius dulcioris. Sunt et ossa quaedam non cava sed constricta ne ex nimio motu ossium se invicem et sibi efficiant corruptionem. Sunt ipsa autem ossium contemperatione vincta quaedam vero sicca

[illegible] et [illegible] huius [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] constituit [illegible]
[illegible]. Ossa fuerunt facta propter salutem cor-
poris [illegible] [illegible] est valde dura
[illegible] [illegible] carent ossibus est [illegible]
[illegible] ossibus et [illegible] supplentur
sicut [illegible] in piscibus / sic et [illegible]
[illegible] est [illegible] vel [illegible] / sicut spon-
dilia dorsi. Omnium ossium [illegible] est super
quod omnia fundantur et radicantur
ossa sicut [illegible] super [illegible] sua.
Natura [illegible] ossium est [illegible] spon-
diles quia ossa spondilia sunt custodien-
tes [illegible] in corpore [illegible] / et
ossa que [illegible] [illegible] sunt [illegible]
[illegible] prohiberent [illegible] propter [illegible]
[illegible] [illegible] ossa masculorum sunt
fortiora ossibus feminarum [illegible] et duri-
ora et maxime ossa leonis que propter suam duri-
tiam [illegible] [illegible] [illegible] lapides
[illegible] [illegible] [illegible]. Ossa [illegible]
[illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible]. Ossa abscissa [illegible]
sicut nec cartilago quia curatio illius
est [illegible] [illegible] Et
[illegible] [illegible] [illegible] et [illegible]
ossa post [illegible] mollificata [illegible]
[illegible] ossa autem [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
¶ [illegible] [illegible] [illegible] [illegible] of-
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] ossa
medullam et [illegible] medulla est
[illegible] [illegible] [illegible] ossa sunt
[illegible] et dura [illegible] [illegible] ossa sunt
medulla [illegible] ossa [illegible] et [illegible]
[illegible] medulla [illegible] [illegible] [illegible]
[illegible] ossium [illegible] [illegible]
[illegible] [illegible] quia ossa sunt

totius corporis fundamentum / [illegible]
et [illegible] [illegible] propter [illegible]
sunt alba [illegible] et [illegible] [illegible]
[illegible] medullis plena ligamentis
[illegible] [illegible] [illegible]
[illegible] media sunt. [illegible] radicantur
et maiora maioribus [illegible]
[illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] fulcita in-
sensibilia [illegible] [illegible] [illegible] a ca-
lore carnis et sanguinis [illegible]
[illegible]. [illegible] [illegible] insensibilia
[illegible] [illegible] [illegible] lesionem
quam sentit [illegible] vel [illegible] et hoc propter
[illegible] [illegible] [illegible] ligamentis
[illegible] sunt iuncta. Contingit autem
ossa pati ex causa extrinseca scilicet ex frac-
tione [illegible] abscisione [illegible]
[illegible] et huiusmodi. Quandoque ex causa intrinseca
et hoc aliquotiens ex nimia [illegible]
corrosione ut patet in erisipilla id est igne
sacro [illegible]. Quandoque ex nimia [illegible]
[illegible] ossium agravatur et re-
[illegible] ut patet in arteticis. Quandoque ex me-
dullae [illegible] corruptione ut accidit in
leprosis. Quandoque ex humoris medullaris
consumptione / ut accidit in [illegible] et [illegible]
[illegible] dolor [illegible] ossium tanto est gravior
et periculosior quanto in profundioribus
ossium [illegible] radicatur. [illegible] ossa
corrupta carnem sibi proximam cor-
rumpunt et putrefactionem introducunt.
De medullis

Medulla secundum [illegible] est appellata
eo quod [illegible] ossa [illegible]
[illegible] ossa et [illegible] et [illegible] temperat
[illegible]. Est autem medulla [illegible] Con-
stantinum substantia calida et humida ex puris-
simo [illegible] et [illegible] humore
[illegible] in [illegible] ossium [illegible]
[illegible] [illegible] [illegible] ossium [illegible]

de medullis

temperat et sua humiditate vocis sere
nitatem venit et sua subtilitate prosperatur.
Virtutem celebri nutrit et conservat medulla
enim, influentia spiritus a cerebro recipit
et propter medulla ossa spondilium
que a fisicis nucha appellatur. Et hec
medulla mediantibus quibusdam nervis
sensum et motum membris sub collo positis
administrat ut dicit Constantinus libro
2o. ca. xo. Medulle etiam [illegible] sua
subtilitate et ventositate per ossa evapo
rant et tenuem liquorem desudant.
qui liquor calore venereo resolutus
in renibus animalium amoris et volupta
tem incitativus. De hoc vide supra in ca.
de renibus. Unde et animalia que ossa habent
plena de medulla in libidine sunt
prona ut dicit Varro. Que vero habent
ossa solida et medullis vacua raro
in venerem commoventur ut patet in ele
fantis medulla et ut dicit Varro
nam lune incrementum [illegible] crescente
crescit / unde per contrarium quedam respi
rat illa vim lune sentiens secundum
cuius mutationem minoratur in sua substantia
vel augetur et hoc est videre in animalibus
et etiam in arboribus quarum humor
medullaris semper habundat in plenilunio
et in novilunio decrescit. Unde
tunc arbores incise non est [illegible]
que fiunt efficiuntur vermiculosi et cito
facilius computrescunt. Et hoc forsitan
accidit propter superfluam humiditatem quia succiduntur
tunc [illegible] in medulla [illegible]
superfluum non potest regi et digeri [illegible]
[illegible] tales humor [illegible] [illegible]
ad fructum [illegible] vermiculositatis
et [illegible] putrefactionis. ut dicit Aristoteles
libro 12o. [illegible]
mandibula. Et medulla filium [illegible]
[illegible] que animalia non habent [illegible]

de medulla sicut [illegible]
[illegible]
et [illegible]
[illegible] medulla [illegible]
naturalis est calidus, et propter volatilia
et animalium silvestrium. Nam las
sat [illegible] corporis [illegible]
[illegible] et fissuras. [illegible] dolo
rem mitigat, glandium durationem
emollit, pruritum vesicas sanat, do
lorem gutturis mitigat et [illegible]
[illegible] et [illegible] singulare [illegible]
dum est [illegible] resumptiva
[illegible] et humoris deperditi in medullis
restaurat.

Capitulum de cartillagine

Cartilago est ossium tenerior substantia
est dicta cartilago eo quod [illegible]
[illegible] dolorem [illegible]
ut dicit Ysidorus, ut patet in auriculis
et naribus et costarum extremitatibus. Nam
omnia cartilaginosa [illegible] est [illegible]
[illegible] ossibus sunt molliora [illegible]
[illegible] talia loca talis dispositionis [illegible]
[illegible] in pluribus ut dicit
Constantinus libro [illegible] ca. [illegible] [illegible]
cartilago extremitates ossium [illegible]
[illegible] motum vel [illegible]
[illegible] et ut [illegible] ossa
cum carnibus [illegible] ut dicit
Aristoteles libro [illegible] quod cartilago [illegible] non
[illegible] ossis
[illegible]. Nec habet cartilago sensum
aliquem [illegible] tamen modo [illegible]
sibi [illegible] causa est sensus et motus
[illegible] ut dicit Constantinus
[illegible] cordis animalis est os
cartilaginosum [illegible] latitudinem [illegible]
[illegible] cordis appellatur ut dicit Constantinus libro [illegible]

Capitulum de nervis

Nervi [illegible] corporis [illegible] quas
[illegible] nervos vocant eo quod
[illegible] sese cohaerent [illegible]
[illegible] partes [illegible]
[illegible] qui [illegible] fuerunt densiores tanto p-
[illegible] et firmitate augent [illegible]
[illegible]. Secundum autem Constantinum
nervi sunt nutrix et sensus et motus
[illegible] membris [illegible] ossibus et car-
tilaginibus et his que de se sensum non
[illegible] neque motum. Omnium autem nervorum
[illegible] fundamentum est cerebrum. Quod non
[illegible] sensum est per [illegible]
aut nervi aut de cerebro procedit [illegible]
[illegible] medullis spo-
dilium et tales nervi sunt [illegible]
[illegible] a cerebro [illegible]
aut [illegible] lesionis [illegible]
pro nimia sui longitudine [illegible]
[illegible] in motu sunt [illegible] et in potentia
[illegible] tantam efficaciam non habent.
Nervi qui a cerebro procedunt [illegible]
[illegible] de nucha autem [illegible] medulla spon-
dilium sunt duriores. [illegible]
[illegible] sunt mollissimi [illegible]
[illegible] possunt [illegible]
[illegible] procedentes [illegible]
[illegible] ut [illegible]
[illegible] motu [illegible]
Nervorum vero a cerebro procedentium [illegible]
paria sunt [illegible] par [illegible]
ad oculos et ad [illegible] sensum et [illegible]
[illegible] sensum et motum. [illegible]
[illegible] nervis [illegible]
maiores [illegible] graues et [illegible]
[illegible] multum [illegible]
[illegible] maiores [illegible]
[illegible] et ut [illegible]

in [illegible] et [illegible]
[illegible] sensus [illegible] et [illegible]
[illegible] ab [illegible]
[illegible] sunt [illegible]
[illegible] longinqui [illegible]
[illegible] par nervorum [illegible] po-
sitione [illegible] par [illegible]
[illegible] gravitatis [illegible]
[illegible] incipit [illegible]
post [illegible] et [illegible] a [illegible]
cerebri in [illegible] nervos se di-
[illegible] per diversa loca [illegible] se
diffundit. [illegible] par [illegible]
ab eo [illegible] a [illegible]
[illegible] per [illegible] quod vero par
[illegible] in duos dividitur
nervos [illegible] auricularum foramina
intrat et [illegible] auditum auribus
administrat. Alius vero ad maxillas et [illegible]
pora se [illegible] membrorum [illegible]
[illegible]. [illegible] vero a [illegible]
[illegible] et ab [illegible]
[illegible] et ad motum et sensum [illegible]
[illegible] et [illegible] uniformiter se diffo-
dunt. Adhuc preter ista paria [illegible] a
[illegible] par [illegible] et ex isto nucha ortum sumit
[illegible] in [illegible] lingue et gutturis
se diffundit et eis motum et sensum tribuit
[illegible] nervos [illegible] alii nervi
[illegible] a cerebro [illegible]. Sed nucha
[illegible] medulla spondilium mediante.

Et [illegible] dicit nervorum duo esse
paria [illegible] et hii omnibus [illegible]
[illegible] et in motum et
ad [illegible] et membrorum [illegible]
[illegible] artificio [illegible]
[illegible] constituit [illegible]
[illegible] autem [illegible]
ossia est multitudo nervorum et nervus
[illegible] et [illegible]

extensione multa et in extremitate. Nervus est [illegible] [illegible] [illegible] nervum et in [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] divisus non coniungit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] et [illegible] in [illegible] [illegible] [illegible] [illegible] fortior et durior [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] Re-colliget [illegible] ex [illegible] [illegible] [illegible] cerebro [illegible] [illegible] et ab eo sensum et motum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] colliget et [illegible] [illegible] in suo [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] in sua [illegible] spiritum recipit et [illegible] [illegible] sua flexibilitate [illegible] [illegible] [illegible] [illegible] diversas passiones [illegible] recipit ut dicit Constantinus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] oppillatur ut patet in [illegible] [illegible] [illegible] capitulo [illegible] et [illegible].

De venis et arteriis

Vene sunt dicte eo quod sint vie natantis sanguinis atque rivi per totum corpus divisi quibus universa membra riguntur et nutriuntur. Ut dicit Ysidorus. Incipiunt autem vene secundum Constantinum ab epate sicut arterie a corde et nervi a cerebro, et [illegible] vene [illegible] sicut vasa sanguinis ut sanguinem ab epate ad membra [illegible] nutrienda deferant. Sunt autem vene [illegible] tenuiores atque [illegible] [illegible] [illegible] [illegible] [illegible] non ex duabus sicut sunt arterie. Nam arterie spiritum recipiunt et custodiunt. Vene [illegible] [illegible] ab epate ab ipso [illegible] [illegible] [illegible] sanguinis [illegible] [illegible] [illegible] membra [illegible] [illegible] [illegible] et per singulas partes cor-

[illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] arteria [illegible] [illegible] Ut calorem naturalem a corde ad omnia membra deferant. Et ut dicit [illegible] [illegible] ex duabus tunicis vel panniculis [illegible] [illegible] [illegible] forma [illegible] [illegible] [illegible] [illegible] [illegible] interior est villosa [illegible] [illegible] dura et multo grossior [illegible] [illegible] [illegible] autem sunt villose per longitudinem [illegible] [illegible] est [illegible] [illegible] [illegible] motus [illegible] dilatationis [illegible] [illegible]. Nam dilatatione spiritum a corde recipit et [illegible] per villos longitudinis [illegible] autem [illegible] fumosam superfluitatem expellit [illegible] [illegible] panniculis [illegible] [illegible] villosis in quibus [illegible] spiritus qui a corde trahitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] autem [illegible] cordis incipiunt a sinistra [illegible] [illegible] [illegible] parte [illegible] dicitur pulsatilis [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] vena pulsatilis [illegible] [illegible] [illegible] [illegible] ut multam [illegible] sanguinis et spiritus [illegible] [illegible] et [illegible] recipit que [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] arteria [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in duas partes dividitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et spiritualem ad [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible]. Alia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] Constantinus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] vena est vehiculum sanguinis
[illegible] nutrimentalis quod hic ducit
[illegible] depuratos quibus singula
[illegible] membra nutriuntur. Est insuper
vena gracilis ut facilius sanguis recipiat
[illegible] ut subtiliata vena ad venam
deducit sanguinem et transfundit. Vena
autem sanitatem vel infirmitatem est nuncia
nam per arteriarum pulsum et venarum
dispositionem debilitatem corporis sive
fortitudinem a medicis iudicatur. Vena
et si corrupta fuerit et corrupte sanguis
in venis totius corporis corruptio[illegible]. Et ut patet
in leprosis corpus sanguis corruptissimus
est in venis [illegible] quibus [illegible] [illegible]
suggendo in sanguis [illegible] corruptionem.
Vena autem in brachio vel alias [illegible]
aperitur et ex eius lesione totius corporis
sublevatur infirmitas. Venae et [illegible]
angustae veniunt vel pinguedine in
[illegible] [illegible] [illegible] [illegible] sanguis et spiritus
qui [illegible] [illegible] in carne [illegible] calor
naturalis deficit et spiritus vitalis minor
[illegible] ut dicit Constantinus. Unde et talia
animalia [illegible] [illegible] ut dicit Aristoteles
libro [illegible] [illegible] [illegible] autem [illegible] dicit
vena [illegible] si fuerit [illegible] vel abscissa
[illegible] vel [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] dicit [illegible] si vena
[illegible] [illegible] [illegible] talis sit in [illegible]
[illegible] [illegible] dicit [illegible] [illegible]
[illegible] [illegible] [illegible] parcius [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

## Capitulum de carne

Caro [illegible] [illegible] a carne [illegible] a [illegible]
[illegible] [illegible] [illegible] mirabilis
est licet caro multum alterabilis et [illegible]
[illegible] et facilis [illegible] et [illegible]
[illegible] sit caro ut dicit [illegible] quod ista
caro obtinet privilegium quod caro humana
facta nobilissima [illegible] [illegible] est [illegible]
[illegible] quod super omnia nobilissima est [illegible]
[illegible] [illegible] caro hominis caro dei est
effecta. Unde verbum caro factum est et habitavit
in nobis [illegible] caro [illegible] [illegible]
[illegible] [illegible] ex assumptione [illegible]
[illegible] [illegible] est effecta ut dicit [illegible].
Est autem caro ut dicit Constantinus [illegible]
[illegible] et [illegible] caloris naturalis fundamentum
ossium nervorum [illegible]
corporis defensio et [illegible] [illegible]
[illegible] [illegible] [illegible] quedam [illegible] pars
sine [illegible] sine [illegible] est admixta
et dicitur [illegible]. Alia pars carnis [illegible]
durum et mollem temperata, tertia pars est
glandulosa [illegible] caro maxime in dorso est
et in pinguibus. Caro autem [illegible] in [illegible]
[illegible] [illegible] [illegible] exteriori ossium superiore
[illegible] [illegible] est [illegible] [illegible] et [illegible]
[illegible] [illegible]. Caro vero dorsi
[illegible] [illegible] [illegible] [illegible] fuit
[illegible] [illegible]. Nam medullam sponduli
[illegible] [illegible] [illegible] et [illegible]
[illegible] inter ossa replet et custodit nervos
[illegible] vel [illegible] per
[illegible] longitudinem [illegible] [illegible] [illegible]
[illegible] lesione dorsi maxime [illegible]
[illegible] est. Caro vero vel [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
ut sint stabiles. Caro autem est [illegible]
quedam [illegible] humiditate ut caro maxillarum
vel mamillarum et glandes sub lingua
que [illegible] salivam in os et lingua
et maxille [illegible] [illegible] nimia motu [illegible]
[illegible] [illegible]. Alia vero per nodosa
et glandulosa loca replet [illegible] et [illegible]
[illegible] nervorum [illegible] [illegible] et carnis
[illegible] superflua que [illegible]. [illegible]
vero [illegible] et intestina [illegible] ad
[illegible] nervorum et arteriarum [illegible]
[illegible] motu et sensu [illegible]

[illegible] per [illegible] fuisset [illegible]
nisi [illegible] substancia. [illegible] glandosa.
[illegible] caro glandosa [illegible]
[illegible] et [illegible] semper [illegible] quere-
rentur et ut si [illegible] forte oc-
curreret [illegible] loca ad que refugiatur
[illegible] Constantinus li°
2° [illegible] caro [illegible] macrorum
et pinguedinem [illegible]
est [illegible] corrupto sang-
[illegible] est [illegible] vel ab [illegible]
vel mutata [illegible] caro est [illegible] cor-
ruptionis sicut dicit [illegible] li° [illegible] et Con-
stantinus li° [illegible] 17. [illegible]
12°. quod caro minus habundans [illegible]
[illegible] operatur. Et [illegible] capitis
non fuit ex multa carne ut [illegible]
[illegible] sensus et [illegible] per-
fectioris. [illegible] li° [illegible] dicit. quod [illegible]
[illegible] est multe carnis ma-
licia significat dispositionis [illegible] et ma-
licia [illegible] et fornicationis male
[illegible] informatur virtus [illegible]
si fuerit caro vel massa carnea [illegible]
minus et virtus informativa debilis
monstruosas [illegible] passiones
sicut dicit [illegible] li° 10°. Et potest [illegible]
[illegible] multum [illegible] secundum positum
et [illegible] propter [illegible] carnis [illegible]
[illegible] a medicis mola [illegible] pars
carnosa [illegible] est et mollis et [illegible]
[illegible] est labo[illegible] dicit li° [illegible] quod [illegible]
[illegible] [illegible] sicut [illegible]
[illegible] [illegible] subtila-
[illegible] [illegible] labora-
[illegible] ab [illegible] est caro sicut
dicit idem li° 12°. [illegible]
[illegible]
[illegible]

Et [illegible] caro vel [illegible]
[illegible]
corrupto vel ex toto [illegible]
sensibilis [illegible] caro [illegible]
[illegible] omnibus [illegible]
et [illegible] [illegible]
[illegible] et [illegible] est caro [illegible]
[illegible] li° 17. [illegible]
[illegible] pauca carnis sunt [illegible]
[illegible] et [illegible] pinguiores
et carnosiores sunt [illegible]
quia porci [illegible] et [illegible]
[illegible] in pinguedinem et [illegible]
[illegible] etiam [illegible]
[illegible] de loco ad locum minus solito [illegible]
moventur ut dicit [illegible].

De pinguedine

Pinguedo est res humida [illegible]
[illegible] et loca nervosa [illegible]. Ut dicit
Constantinus sanguis [illegible] et [illegible]
pinguedinem [illegible] in locis calidis
[illegible] penetrabilibus [illegible]
[illegible] loca [illegible] et
in pinguedinem [illegible] fiat [illegible]
[illegible] ut [illegible] et [illegible]
[illegible] pinguedinis [illegible]
[illegible] ut [illegible]
[illegible] pinguedinis [illegible]
[illegible] dicit
Constantinus li° [illegible]
[illegible]
[illegible]
motus et [illegible] magis [illegible]
[illegible] pinguedo
[illegible] est [illegible]
[illegible] est li° 12°. motus [illegible]
[illegible] calor [illegible]
[illegible] minus est [illegible]
[illegible] est [illegible]
[illegible] calor naturalis [illegible] est [illegible]
[illegible] motus [illegible]

57

Vo a parva [illegible] Constantini et minima [illegible] [illegible] pessima fiunt et pessime [illegible] quia calor naturalis in eis [illegible] ab [illegible] dissolvitur et via spiritus oppilatur pinguedine [illegible] et ad [illegible] nervorum et arteriarum spiritus [illegible] deveniat. Dicit etiam [illegible] quod omnia pinguia propter superfluam humoris habundantiam in eis adunatam [illegible] et [illegible] infirmitati et [illegible] [illegible]. Nam pondus pinguedinis opprimit se movere [illegible] ut calor naturalis [illegible] ut sic pinguedo [illegible] dissolvitur [illegible] et calor naturalis [illegible] et mors [illegible] nisi forsan [illegible] [illegible] Constantinum. li. xi. c. v. Recolligere [illegible] quod pinguedo [illegible] sua [illegible] [illegible] sua [illegible] [illegible] superficie [illegible] [illegible] dolorum mitigativa [illegible] et [illegible] pellis sive corii [illegible] [illegible] interiorum oppillativa caloris [illegible] [illegible] [illegible] et gravitatis [illegible] [illegible] [illegible] [illegible] sensus et [illegible] [illegible] et [illegible] animalium tarditatis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dicit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] animal [illegible] pinguedinis [illegible] [illegible] [illegible] pinguedinis [illegible] et in [illegible] [illegible] multe pinguedinis [illegible] quod est [illegible] [illegible] animalibus est multe [illegible]

durius. Et omne animal multe [illegible] fe[illegible] sive sit masculus sive femina et non [illegible] animal [illegible] [illegible] [illegible] mandibula ut dicit Isidorus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Est enim [illegible] pinguedo adeps [illegible] ut dicit ysy. [illegible]. Est pinguedo adherens cuti. Adeps est pinguedo intestina obvolvens et [illegible] [illegible] custodiens. Vocatur pellicula cui adheret pinguedo illa [illegible] [illegible] [illegible] [illegible] et [illegible] dicitur [illegible]. [illegible] adeps [illegible] pinguedo [illegible] [illegible] pinguedo [illegible] omnibus [illegible] dicitur.

De cute

Capitulum de cute

Cutis est prima pars in superficie corporis animalis et est sic vocata secundum ysy. eo quod corpori supposita incisionem patiatur. Cutis enim [illegible] incisio dicitur latine. Est pellis eo quod exteriores repellat a corpore iniurias ventorum et pluviarum [illegible] que [illegible] molestias et ardores pellis autem abstracta mox corium dicitur. Corium autem [illegible] coreo dicitur eo quod caro [illegible] tegitur ut dicit ysy. Est igitur cutis exterior corporis superficies carnem et ossa [illegible] et omnia interiora muniens atque tegens et [illegible] [illegible] interiorum nocivitate nunc se contrahens nunc se extendens. Est etiam pro interiorum defensione [illegible] aeris et aque passionibus se exponens. Est autem cutis natura [illegible] [illegible] ut dicit Constantinus [illegible] [illegible] [illegible] et solidatur ut [illegible] [illegible] [illegible] et [illegible] [illegible] obstet et resistat. Est autem cutis mollior in [illegible] quam in aliis quibusdam animalibus [illegible] [illegible] propter hoc [illegible] [illegible] [illegible]

dura fortis et spissa sicut testi [illegible] vult
[illegible] si [illegible] sicut [illegible] pillorum
[illegible] [illegible] carnis [illegible] vel
in nobis manuum [illegible] subtilior est [illegible]
cutis [illegible] in aliis partibus corporis
vt [illegible] ad tactum [illegible]. Est autem
cutis [illegible] porosa propter [illegible] capit
propter [illegible] [illegible] repulsione
[illegible] [illegible] [illegible] apparent et [illegible]
que [illegible] [illegible] et [illegible] sunt [illegible]
propter vapores et sudores expurgant. Cut/
cutis [illegible] non in membris [illegible] omnibus est
equalis. Nam cutis faciei aliis est tenuior
et subtilior et propter hoc [illegible] [illegible]
proficit et [illegible] [illegible] [illegible]
fortis minus grossa [illegible] sanguis [illegible]
non [illegible] si minus spissa apparet

in facie non [illegible]. Et autem
[illegible] cutis cum [illegible] [illegible] [illegible]
[illegible] non potest et maxime in vola
manuum et plantis pedum in quibus
adheret nervis corporis et [illegible] ut
dicit Constantinus. Vult dicere [illegible]
quod 2^m colorem [illegible] [illegible] colores [illegible]
[illegible] cornium et [illegible] et pillorum
[illegible] qui si nigra fuerit cutis et [illegible]
[illegible] nigra, et si alba alba. Et omne
animal [illegible] sanguis [illegible] [illegible] [illegible]
abscissum [illegible] [illegible]. Et [illegible] hoc [illegible]
[illegible] et cum fuerit in aliquo loco
[illegible] carne abscissa non [illegible] et
consolidatur sicut patet in preputio et [illegible]
[illegible] [illegible] [illegible] [illegible] cutis
in quibusdam [illegible] est [illegible] [illegible]
dam spissa [illegible] [illegible] [illegible] humore
grossi vel tenuis [illegible] et pilli grossi
[illegible] pro cute grossa [illegible] [illegible]
[illegible] Item in [illegible] cutis grossa
et [illegible] [illegible] [illegible] et [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
alia rubra [illegible] in [illegible] [illegible]
ex [illegible] distinctionem ex [illegible] [illegible]
adustione et ex [illegible] [illegible] vel [illegible]
sive qualibet dissolutione [illegible]
[illegible] [illegible] ex [illegible] [illegible]
[illegible] corruptione ut in [illegible] [illegible]
ex [illegible] [illegible] ut in [illegible]
et [illegible] [illegible]. Nam [illegible] [illegible]
[illegible] [illegible] ab [illegible] [illegible]
[illegible] [illegible] [illegible] manus [illegible] [illegible]
et [illegible] [illegible] [illegible]. [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] passio [illegible] pellis [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] armature [illegible] [illegible]
et in [illegible] [illegible] [illegible]. Et [illegible]
[illegible] aliquod [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] non [illegible] [illegible]
[illegible] sufficiat.

Capitulum de pillo

P[illegible] illus a pelle [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] et sicco ut dicit [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] cutis grossa [illegible] pillo

Et hoc accidit pp multitudinem terrestr[illegible]
[illegible] et siccitatis. Sed porro multiplicat[illegible]
[illegible] sunt crispa et spissi[illegible]
[illegible]
[illegible]
[illegible] non [illegible] pilli
[illegible] non longi [illegible] sunt grossi
[illegible] et pp hoc [illegible]
[illegible] pilli capitis [illegible]
[illegible]
[illegible]
[illegible] pillos et [illegible]
[illegible] terra, et [illegible]
[illegible] calidam
[illegible]
[illegible] Nam ex calore
[illegible] et [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] pilli et [illegible]
[illegible]
[illegible]
[illegible]

Capitulum de capillis

Capilli dicuntur [illegible]

usui · ad hoc facti ut bruta habent et mulieres
adversus frigus muniuntur et defenduntur
Capitis [illegible] autem [illegible] masculo [illegible]
autem dicitur a [illegible] vero [illegible] a [illegible]
[illegible] mulieris [illegible] autem sunt capilli
non [illegible] et est [illegible] · Nam coma
[illegible] dicitur · Crines autem proprie mulierum
sunt [illegible] discrimina
[illegible] et dividuntur · Unde discriminalia
dicuntur [illegible] capilli divisis [illegible]
[illegible] autem ca-
pillos ex fumo grosso et sicco nascuntur qui
[illegible] p. poros
capitis [illegible] et ab aere [illegible]
[illegible] et [illegible] capilli [illegible]
[illegible] crescunt capilli ut potest
ab ipso [illegible] fumi [illegible] qui
[illegible] capillos [illegible] et [illegible] p qualitatem
[illegible] fumi crescunt capilli crispi
[illegible] fumus niger et capilli nigri [illegible]
[illegible] fumus multi erunt capilli
[illegible] pauci [illegible] qui fumus [illegible]
[illegible] calvi sunt [illegible] et ca-
pilli [illegible] calvus [illegible] capilli non [illegible]
[illegible] et [illegible] non [illegible]
[illegible] talis non [illegible] alii [illegible]
[illegible] calvicies
non est [illegible] infirmitas [illegible]
que alopicia a medicis nuncupatur · Et
qua infirmitate corrupto capillorum nu-
[illegible] capilli, et [illegible]
[illegible] anterior capitis [illegible]
[illegible] vulpium [illegible] ex calefactione
[illegible] capillorum [illegible] ca-
[illegible] capillorum [illegible] · Alopes
[illegible] dicitur · Alias
[illegible] capillorum passiones et causas [illegible]
[illegible] tractatu infirmitatum in [illegible]
[illegible] capillorum [illegible] dispositiones
[illegible]
[illegible]

hic nota q[uod] hui[us] constant et alios au
tore[s] [illegible] attendit [illegible] hui[us] nocess
nat[ur]e naturalis capillo[rum] nimia [illegible]
gidatione. Nam alvi[illegible] [illegible] frigidi
et [illegible] est contraria [illegible] [illegible]
[illegible] albo [illegible] albi efficiunt[ur] [illegible]
pilli [illegible] capilli. Capilli a[utem] [illegible] tempora
[illegible] [illegible] q[uod] alii citius
et hoc p[ro]p[ter] humoris paucitate[m] [illegible]
[illegible] [illegible] dominante [illegible] Cam
[illegible] [illegible] [illegible] [illegible] designat [illegible]
[illegible] [illegible] [illegible] et [illegible]
puerilium [illegible] [illegible] [illegible] [illegible] et fu
ture [illegible] [illegible] novitatem. Cal
uities est [illegible] capillo[rum] [illegible] p[ro]p[ter] de
fectu[m] [illegible] in anteriori p[ar]te capitis
proveniens ut dicit Constantinus. Fit
alii p[er] abstinentia[m] [illegible] et defectu[m] [illegible]
[illegible] qui [illegible] est capillo[rum] [illegible]
[illegible] li[bro] 3[o] capilli [illegible] [illegible]
[illegible] et paulatim calvitie[m] [illegible]
Et si qui ante iuventutem [illegible]
[illegible] [illegible] post iuventutem [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] in parte an
teriori capitis et [illegible] tales [illegible] ca
pillo[rum] dicit[ur] [illegible] calvities et [illegible]
[illegible] vel p[ro]p[ter] nimia[m] [illegible] [illegible]
vel p[ro]p[ter] humoris paucitate[m] [illegible] ab [illegible]
[illegible] [illegible] [illegible] [illegible] calvities [illegible]
[illegible] [illegible] et [illegible] [illegible]
et humores [illegible] [illegible] [illegible] [illegible] q[uod]
capilli [illegible] vegetare ut dicit Galien[us]
sup[er] amphorismos. [illegible] [illegible] dicit [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
dantia[m] [illegible] in capitib[us] [illegible] [illegible]
[illegible] [illegible] et hoc p[ro]p[ter] [illegible] [illegible]
[illegible] et [illegible] [illegible] qualitates [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] Alii [illegible]

pilli in [illegible] [illegible] [illegible] [illegible]
[illegible] ut dicit [illegible] [illegible]
caput [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] supradictis.
Incipit liber sextus dicto de proprie
tatibus partium hominis in speciali. [illegible]
[illegible] de proprietatibus [illegible] in generali
et speciali post status varietatem et [illegible]
sexus distinctionem et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] omnibus [illegible]
et ad [illegible] proprietates
hominis attendun[tur] [illegible]

A d ac [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
virtutu[m] [illegible] [illegible]
[illegible] [illegible]

[illegible]

infantia [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] q[uod] [illegible]
[illegible] [illegible] [illegible] dentibus
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] q[uod] se extendit usq[ue] ad

[illegible]

... ut dicit ysydorus
... parva ... [illegible]
... Sicut autem dicitur ... [illegible]
... [illegible] ... multa
... bona ... mala ...
... ysydorus bona ... tempo-
ribus ... libertas voluptatibus ...
... libidinis ...
... sapientia in multis
et ... est
... [illegible] ...
... [illegible] ... perfertur
in medio ... et dispositio ad ...
... ut dicit ysydorus. ... senium
... et ... subruit
... senectus ut dicit ysydorus.
Nam duo sunt quibus minuuntur corporis
vires ... in senio ...
... extinguuntur ... vires
et humor ... vires
... contrahuntur ...
... corrugatur ... corpus ...
... et corporis ... et haec omnia
in senio ... ab omnibus despiciuntur
et gravis ac onerosus ab omnibus ...
... tussis ... et aliis passionibus
... quousque ... et in ...
... temporis et aetatis
... in quibus
... et ad mortis terminum ...
... ysydorus.

Mors dicta est eo quod sit amara
vel a marte ... mortem ...
... Est autem secundum ysydorum triplex mors
scilicet acerba, immatura et matura. Prima
est infantium, secunda iuvenum, tertia
... senum. Omnis autem mortuus ...

Aer est fumus aut radance [illegible] dicitur fumus a fumibus accensis quos antiqui ante fortem [illegible] reddere [illegible] debent. Cadaver [illegible] est homo [illegible] qui iacet et habent in sepulchrum et dicit [illegible] [illegible] [illegible] [illegible] virtutibus [illegible] et [illegible] [illegible] [illegible] sub terra [illegible] [illegible] usque plenius [illegible] [illegible] has mortis proprietates que infra in fine istius libro [illegible] [illegible] nitatibus. De proprietatibus hominis quo ad etatem

Post hec [illegible] [illegible] hominis [illegible] tibus quo ad etatem [illegible] dicendum est. [illegible] eius [illegible] cuius creatio [illegible] [illegible] [illegible] tor est. [illegible] homo est digniore [illegible] [illegible] [illegible] [illegible] [illegible] corporum. Dicit [illegible] [illegible] [illegible] [illegible] aurea vel argentea [illegible] ad nummi monetam [illegible] [illegible] [illegible] sitiones aliorum [illegible] [illegible] fuerit [illegible] parate ad [illegible] [illegible] homo sit [illegible] creaturarum [illegible] [illegible] est [illegible] [illegible] [illegible] nobilia et [illegible] [illegible] nobilibus [illegible] et [illegible] [illegible] quod ad eius [illegible] aliqua breviter sunt dicenda

De creatione infantis

Completa creatione igitur infantis [illegible] agitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] corpora [illegible] [illegible] atque [illegible] [illegible] [illegible] infant [illegible] [illegible] [illegible] [illegible] [illegible] singulis partibus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nature

[illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] parent [illegible] [illegible] [illegible] possit. [illegible] [illegible] [illegible] spiritus et [illegible] [illegible] [illegible] [illegible] [illegible] dilatare [illegible] habundantia caloris [illegible] [illegible] [illegible] [illegible] virtus [illegible] [illegible] [illegible] [illegible] [illegible] dextra [illegible] [illegible] [illegible] [illegible] maris [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dextra [illegible] [illegible] sinistra. Et sic dicit Galienus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] caloris [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] calor [illegible] [illegible] [illegible] [illegible]

persev[er]antia post formare membra [illegible] [illegible]. Nam [illegible] [illegible] [illegible] [illegible] formare cerebru[m] et ossa pecti[illegible] [illegible] [illegible] [illegible] venas [illegible] [illegible] [illegible] [illegible] formare nat[ura] [illegible] [illegible] [illegible] [illegible] [illegible] quoz [illegible] et sang[uis] [illegible] [illegible] formare p[ri]ncipalia membra s[cilicet] cor epar et cerebru[m] que aliorum sunt fundamenta et hec in principio q[ua]n[do] sunt in massa sanguinis [illegible] [illegible] [illegible] [illegible] postea ab [illegible] [illegible] [illegible] [illegible] [illegible] tubus fundament[illegible]. Alia [illegible] nascu[n]tur de cerebro [illegible] et [illegible] [illegible] [illegible] de corde arterie de epate [illegible] [illegible] [illegible] [illegible] fundamentis [illegible] [illegible] [illegible] ossa hec custodientia sicut [illegible] [illegible] cranium ad defensionem cerebri [illegible] costis pectoris ad defensionem cordis [illegible] costis [illegible] lateris ad defensionem epatis [illegible] [illegible] [illegible]. Post ista nascu[n]tur alia [illegible] [illegible] posteriora ut manus pedes et [illegible] [illegible] [illegible] [illegible] simul sed paulatim [illegible] [illegible] [illegible]. Infans [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] fem[ina] in sinistro lat[ere] plus movet[ur] [illegible] [illegible] in dextro ut dicit Galien[us] [illegible] lateris aut[em] [illegible] est fetus per [illegible] dies [illegible] [illegible] sang[uis] [illegible] [illegible] [illegible] massa [illegible] p[er] xij dies. [illegible] xviij [illegible] plena

formatione obtinet [illegible] [illegible] [illegible] [illegible] Unde [illegible] dies [illegible] [illegible] sunt in [illegible] [illegible] [illegible] [illegible] [illegible] membra figurat[ur]. A die [illegible] conceptionis usque ad diem completionis et [illegible] fetus sunt dies xlvj. et [illegible] [illegible] completus est fetus [illegible] [illegible] [illegible] [illegible] istum modum computat[ur] [illegible] [illegible] [illegible] [illegible] [illegible] xlvj annorum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] verba qua[illegible] [illegible] [illegible] [illegible] [illegible] et xlvj. dies [illegible] [illegible] [illegible] [illegible]. Natus aut[em] [illegible] [illegible] [illegible] [illegible] a die [illegible] conceptionis [illegible] [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] durant et [illegible] [illegible] dies [illegible] computan[illegible] [illegible] [illegible] quadraginta [illegible] [illegible] [illegible] [illegible] templum est edificatum [illegible]. Constant aut[em] in l[ibr]o suo [illegible] [illegible] dicit [illegible] masculus q[ui] in [illegible] [illegible] est na[illegible] xxx. dieb[us] format[ur] et in lxx. [illegible] [illegible] [illegible] masculus x. [illegible] in xl [illegible] format[ur] dieb[us] et in nonagin[ta] formatur et complet[ur] [illegible] [illegible] [illegible] [illegible] tempus [illegible] [illegible] completionis [illegible] [illegible] [illegible] hoc [illegible] pro [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] format[ur] et complet[ur] [illegible] in masculus [illegible] [illegible] et [illegible] assignat[ur] ibidem in xxx. [illegible] [illegible] [illegible] nascitur masculus fortius est et cali[dius] et in calidiori loco collocat[ur] [illegible] [illegible] [illegible] [illegible]. [illegible] et [illegible] Constant[inus] et [illegible] Galien[us] [illegible] [illegible] [illegible] [illegible] [illegible] omnem [illegible] [illegible] mensibus mo[illegible] [illegible] [illegible] [illegible] [illegible] fortis [illegible] ut [illegible] possit [illegible] ad vita[m] [illegible] [illegible] [illegible] non [illegible] ipso motu debilitat[ur] ita et patit[ur]

Septimus mense [illegible] qualescat
septimo usque ad nonum mensem vel secundum quosdam
ad decimum mensis nativitas protrahitur
roboratur et sine periculo nascitur ut dicit
Constantinus libro primo pantegni [illegible] De
similitudine [illegible] infantulus

Infantulus ex omnibus suis [illegible]
[illegible] in utero si masculus
[illegible] sollicitat [illegible]
[illegible] in utero nutritur et fo
mentatur [illegible] ma
ma [illegible] a [illegible] ventre
calorem naturalem corporis et dillatantur sin
gula membra paulatim et non subito for
mantur. Solutus enim corpus subito fuit for
matus in utero et distinctus [illegible] in utero
est corpus ut dicit Augustinus anima sub
intrante vita perfunditur et sensu natu
ralis [illegible] regulatione [illegible] ad [illegible]
rupturam movetur. Ex quibus motu ma
trix uterus concutitur plena [illegible]
ne circa infantuli [illegible] si [illegible]
sit salubris septimo vel nono vel decimo [illegible]
de utero nititur et emittitur. [illegible]
[illegible] regulatur [illegible]
[illegible] dolore nimio fatigatur.
Et hoc accidit quando partus nimis propter
anticipatur. Ducitur ad aerem [illegible]
vel nimis calidum vel nimis [illegible]
et miserie exponitur quod eius fletus
clamor aptissime attestatur. Caro in
fantuli tenera nata fluida [illegible]
[illegible] necessaria [illegible] varia medica
et fomenta sicut dicit Constantinus
libro tertio [illegible] moralium. Infantes igitur
utero exeuntes [illegible] sale [illegible]
involvantur ut corporis membra [illegible]
et abscisa [illegible] medicamentis [illegible] moralis [illegible]
palatum et gingivas [illegible] digito [illegible]

[illegible] intrans [illegible]
et confortentur ut [illegible]
[illegible] appetitum [illegible]
[illegible] balnea [illegible]
rosarum lingantur [illegible]
primum masculorum [illegible]
esse per [illegible] duritiam [illegible]
nebuloso obscuro ponantur [illegible]
[illegible] lucidus [illegible] nimis [illegible]
[illegible] disgregat et [illegible]
[illegible] spiritus [illegible]
[illegible] exponentur ut spiritus visibiles
disgregentur. [illegible]
[illegible] lacte vel [illegible]
[illegible] lacte nutricis [illegible]
[illegible] sicut [illegible]
[illegible] vibrationis [illegible]
[illegible] et [illegible]
[illegible] dicit [illegible] infantul
[illegible] si in [illegible]
[illegible] dieta [illegible]
[illegible] nutrix [illegible] mater [illegible]
sicut dicit Constantinus [illegible] bona [illegible]
[illegible] lactis [illegible] naturalis [illegible]
[illegible]
[illegible]
vel [illegible]
per [illegible]
vel [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] multum [illegible]
[illegible] propter multa [illegible]
calor [illegible] ad [illegible]
[illegible] ad infantem [illegible] dicitur
celebratur. Et [illegible] solent
[illegible] infantibus [illegible]

[illegible] inperiu[m] ut ex nutri[illegible]
[illegible] et sompnus [illegible]
[illegible] resolutionem infan[illegible]
[illegible] sicut et cantus ad[illegible]
[illegible] pulsus infantule de nouo dul[illegible]
[illegible] libro de a[nimalibus] [illegible]
in infantibus [illegible] secundum
qualitatem sui corporis est [illegible] mag[is]
[illegible] superior pars in infantibus ma[illegible]
ior et ponderosior aliis partibus. Et ideo
in tanta [illegible] sui motus ambulare
suo [illegible] super manus [illegible]
[illegible] suum corpus paulatim [illegible]
[illegible] diminuitur [illegible] leuior
redditur pars [illegible] inferior crescit et
[illegible] sunt [illegible]
[illegible]

Capitulum de puero

Puer a puritate est dictus ut dicit ysi[dorus]. [illegible] puer [illegible] qui abla[c]tatus a lacte et separatus ab ubere do[illegible] efficit[ur] [illegible] tutoribus [illegible] [illegible] [illegible] [illegible] [illegible] plus [illegible] quam [illegible] pubertatis [illegible] non [illegible] laudant [illegible] vituperant [illegible] propter mobilitatem caloris et humoris [illegible]

[illegible] et [illegible] facile [illegible] propter corporis [illegible] et facile [illegible] et labo[illegible] [illegible] motu [illegible] humores in eis [illegible] mobiles et fista[illegible] [illegible] propter [illegible] caloris [illegible] [illegible] super[illegible] facile ad [illegible] [illegible] corruptis parentibus [illegible] [illegible] lepra et podagra [illegible] humore [illegible] lepra et podagra [illegible] infirmi [illegible] ab adultis [illegible] in [illegible] [illegible] puero vox non alteratur ante motum ad libidinem [illegible] vox in pueris mutatur [illegible] pubertatem, tunc ad generandum [illegible] inveniuntur. Item paruuli pueri malos [illegible] solum presentia cogitantes et de futuris [illegible] curant, ludos et vanita[tes] amant, lucris et utilibus intendere recusant, minima maxima reputant et e contrario maxima modica vel nulla pu[tant] [illegible] contraria [illegible] [illegible] [illegible] plus de amissione pomi vel pirei [illegible] amissione [illegible] plangunt et plorant et beneficia accepta ad memoriam non reducunt, nec recordant, omnia que vident appetunt et affectant, et voce ac motu [illegible] rogant [illegible] sibi [illegible] colloquia et consilia amant, [illegible] consortia fugiunt et declinant, nullum secretum celant, sed quecumque vident vel audiunt [illegible] et revelant, subito ridentes subito plorant, continue clamant, garriunt et [illegible] [illegible] silent, qui clamant, qui dormiunt vel dormitant [illegible] a sordibus [illegible] se sordidant et fugiant, [illegible]

laniant vel pertinaciter exaltitant
pro viribus repugnat, solum ea que
iniuriosum cogitat, ymmo propter viri
tatis mensuram ignorat. Semper comme
dere et bibere desiderat. et vix a lecto vix
se de lecto surgit nisi bene ablutus prius

De puella

Puella dicitur quasi pupilla pura videlicet
[illegible] super omnia munda quod diligentius
custoditur. puella magis debet pudicitia
autem puelle considerandum quantum ad complexionem
calide humide et tenere quantum ad corporis dispositionem
habent gracilis flexibilis atque pulchra
quantum ad mentis affectum [illegible] verecunda timi
da et iocunda. quo ad exteriorem compositionem
moribus disciplinata. in sermonibus tamen
in vestibus decorata. Nam ut dicit Se
neca vestis decora pudicitie decet. [illegible]
Est autem puella nomen etatis integritatis
et etiam honestatis ut dicit ysidorus. Nam virgines
puellas usuali nuncupant dicitur autem
virgo ab etate viridiori sicut virga
vel dicitur virgo quod virtuti ignorat femine
passionem ut dicit ysidorus libro xi. capitulo ii. Dis
autem femina generaliter ut dicit aristoteles flexibilior
omnibus habet capillum et molliorem quam vir est
cutem longiorem. Et collor muliebris
generaliter magis est candidus. Vultus eius
et mollis. Sermo blandus. ab humeris
usque ad umbilicum sinus corpus magis
angustum. ab umbilico usque ad crimina
et inde ad pedum infima magis amplum
latum. manus et ceterarum membrorum extremi
tates sunt subtiliores et flexibiliores. Vox
vius tenuis sermo volubilis et facit
incessus breuis breuibus passibus et recte
diminus uisibilis. [illegible] cristada [illegible]
odi missiores. Iniuda laboris patiens
dolis sedola auara in libidinem prona

[illegible] libro octavo [illegible]
[illegible] aliquando dulciores [illegible]
[illegible] et loquacitas [illegible]
[illegible] reputantur [illegible]
[illegible] qualibus non [illegible] sit [illegible]
[illegible] et astutiores et bulliores [illegible]
[illegible] magis solicite circa filium nutri
[illegible] [illegible] quam masculus est putare
[illegible] est citius lacrimatur [illegible]
et magis est inuida et magis [illegible]
[illegible] et malitia autem magis [illegible]
[illegible] [illegible] et est [illegible]
et est magis [illegible] et [illegible]
[illegible] [illegible] et [illegible]
ut dicit aristoteles libro octavo in simo [illegible]
[illegible] assumpsit ideo quod fetum nutri
[illegible] [illegible] [illegible] Solicita
est enim [illegible] circa filium. Citius enim [illegible]
[illegible] [illegible] sanguine [illegible]
[illegible] natura mandat [illegible]
[illegible] ad ubera et [illegible]
[illegible] nutriendum. [illegible] infantulus
[illegible] lacte laudabilius [illegible]
[illegible] Conuenit [illegible]
[illegible] [illegible] natura [illegible]
[illegible] [illegible] [illegible]
[illegible] solent [illegible]
[illegible] postea [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] masculi [illegible]
et ideo pulchrioris est coloris [illegible]
et motus leuioris [illegible]
ut dicit aristoteles et Constantinus et [illegible]
[illegible] tanto [illegible] plus
[illegible] et [illegible] plus [illegible]
[illegible] autem [illegible]
[illegible] super [illegible] postea [illegible]

fetus [illegible] mulieris diversimode et
[illegible] dolorem mutat sed omnes hu-
mores [illegible] eundem tumescunt et ma-
gnitudine fetus matrix extenditur. Nam
[illegible] spiritus petitiva graves
et labores impatientes efficiuntur, et pa-
riendo pro dolore clamare compelluntur, et le-
viter periclitantur propter [illegible]
membra sunt extilla atque stricta, et quanto ma-
ter pro puero dolores patitur graviores tanto
plus natum puerum diligit et diligentius
sustentat atque nutrit [illegible]
[illegible] et in [illegible]
[illegible] li. 9. Unde tangitur de nutrice et pilla
et mamilla et vesica in li. 5. [illegible]
Ubi tractatur de abortu et omnibus abortivis.

De filio et filia

Filia sicut et filius a fovendo di-
cta eo quod viri carnem foveat et ea-
[illegible] alios diligit. Nam [illegible]
[illegible] quia mater a [illegible]
[illegible] ad [illegible]
[illegible] diligit. [illegible] filia [illegible]
est [illegible] defuncte
est [illegible]
[illegible] puella [illegible]
[illegible] tit. 

De nutrice

Nutrix [illegible] dicta eo quod
[illegible] fit [illegible]
[illegible] nutrix [illegible]
nutrit [illegible] mater [illegible]
nutrix [illegible] gaudet
puero gaudente, et [illegible] puero pa-
tiente, sublevat puerum cadentem,
lactat puerum plorantem, dosculatur pu-
erum tacentem, ligat et colligat puerum
se deturpantem ablui et mundificat
puerulum se sordidantem, pascit puerum

digito sunt retinende. Ad loquendum infantem
inducunt balbuciendo verba [illegible] fran-
gunt. Ut sic sustinet facilius ad
loquendum. Medicinam utitur [illegible]
pro dormiente filio egrotante. [illegible]
[illegible]
relevat et sublevat puerum iugiter.
Cibum prius masticat et masticando [illegible]
dentulo puero preparat, ut cibus facilius
transglutiat et sic reficit puerum
esurientem. Sibilis et canticis demul-
cet puerum dormiturum. Fasciis et lin-
teolis astringit membra puerilia et recti-
ficat ne [illegible] puerulus inveni-
[illegible] balneis et un-
guentis refovet parvuli carnem. Et his
que [illegible] de infantulo

De obstetrice

Obstetrix autem dicitur mulier que habet arte
[illegible] mulieribus parientibus ut fa-
cilius pariat, et infantulus puerulus peri-
culum non incurrat. Hec quibusdam
unguentis et fomentis delinire solet
uterum parientis ut minori difficultate
et dolore fetus de utero educatur. Hec etiam
puerulum nascentem de utero suscipit, et ipsius
umbilicum longitudinem quatuor digitorum reci-
dit, sanguinem pueruli aqua abluit, sa-
le et melle ad desiccationem humorum et
membrorum confortationem membra delinit, et
panniculis involvit. Hec supra li. 6.
de umbilico.

De ancilla

Ancilla est famula uxoris obsequio
deputata. Hec laboriosis et vilio-
ribus officiis deputatur, grossioribus
cibis nutritur, vilioribus pannis indu-
itur, et servitutis iugo premitur. Et filium

generet filium servus [illegible] quia non ad [illegible] redditur
ab utero sequitur mancipatum. Ancilla etiam
si fuerit vendita est pro libito [illegible] non
permittitur eripere servum [illegible] si servo libere
fuerit servus effectus postea satis pretium
venditur et emitur sicut pecus. ancilla
sicut et servus propter mercaturis [illegible]
tenetur post mansionem in servi potestate si
[illegible] afficitur magis et verberibus
atteritur, variis et diversis vexationibus et an-
gariis opprimitur [illegible] inter miserias
vix permittitur [illegible] miserabiliter
gemere [illegible] ut dicit Rabanus exponens
illud verbum [illegible] ancil-
lis qui die ac nocte [illegible] non dabunt
vobis requiem. Est autem proprium ancillarum et
servilium personarum, ut dicit Rabanus, contra
suos dominos vel dominas murmurare et quando
[illegible] et timorem [illegible] in
[illegible] tumido animo superbire, ut patet in Agar
egyptia ancilla Sare, que videns se
concepisse contempsit dominam suam [illegible]
Non ad [illegible] revertitur hec ancilla nisi quia
a domina sua fuit reposita ad flagella [illegible]
[illegible] ibi affligeretur [illegible] sacra scriptura
dicit. Servilis enim [illegible] et ancillarum timor
humiliat et deprimit quam benignus ma-
gis amor in superbiam conversus aliquotiens
elevat et extollit, ut dicit ibidem. Semper
[illegible] est enim qui delicate nutrit servum
suum in fine sentiet eum contumacem [illegible]
iniusta [illegible] de suo [illegible].

De masculo

Masculus diminutivum a mare est
dictus, quia in omni genere animalium quoad sexus
dignitatem obtinet principatum, ut dicit
Ysidorus. Mas enim est vir masculus fortis
quoad complexionem, quoad operationem, quo-
ad sexus distinctionem, et quoad potesta-
tem et dominationem. Quoad complexionem, quia
[illegible] masculus [illegible] calidus

[illegible] et fortis [illegible]
[illegible] virtutis [illegible]
in femina [illegible] multa [illegible] passiva
[illegible] propter [illegible]
[illegible] [illegible]
[illegible] masculus quoad naturalem
operationem, quia naturalis operatio plus [illegible]
in masculo videtur quam in femina, [illegible]
[illegible] est maior calor, et ideo vir [illegible]
[illegible] est [illegible] ut dicit [illegible]
[illegible] virorum et [illegible] maiora [illegible]
fundantur et ideo fortioribus actionibus sunt
apti. Ossa et masculorum sunt fortiora
grossiora et iuncture solidiores. Et
ideo ad omnia fortia opera [illegible] sunt
fortiora in masculis, etiam [illegible]
sunt corda ampliora et maiora, et
ideo ad receptionem maioris habundantie
spiritus et caloris sunt [illegible] Et ideo
propter habundantiam spiritus et caloris [illegible]
audacior est [illegible]
[illegible] est [illegible] propter ca-
loris fortitudinem et complexionis [illegible]
vigoris nullis [illegible] passio [illegible]
[illegible] sicut et mulieribus accidit [illegible]
Quia ergo [illegible] in masculorum corporibus
superfluitates [illegible]
colore [illegible] aut in pilos [illegible]
[illegible] aut per [illegible] differt
conditio viri et mulieris [illegible]
[illegible] masculi in
[illegible] et in fugiendis
[illegible]
[illegible] ut dicit [illegible]
Unde [illegible] et
intellectus [illegible] ut dicit Aug.
qui [illegible]
[illegible] et [illegible] dignitate
[illegible] dignitate [illegible] masculus et

[illegible] in potato [illegible]
[illegible] [illegible] vires concedit
[illegible] de [illegible] [illegible]
[illegible] [illegible] mulieri dom
[illegible] [illegible] et scriptis est
[illegible] potat [illegible] et [illegible] tri
[illegible]. Sunt igitur viri feminis cali-
diores et sicciores, viribus fortiores,
[illegible] ingeniosiores, constanciores
[illegible] et [illegible]. Unde et cetera
[illegible] pro viribus [illegible]
[illegible] et corpus duriores et [illegible]
[illegible] grossiores aspectu [illegible] in
[illegible] [illegible] [illegible]
vox est grossior, ut dicit [illegible]
et masculi [illegible] [illegible]
plurimi [illegible] et maiori [illegible]
[illegible] et [illegible] [illegible] pro [illegible]
[illegible] fortitudine caloris [illegible]
in masculis habundantis [illegible] et [illegible]
[illegible] [illegible]. Ut dicit [illegible]

De viro.

Vir a virtute virium dictus est
[illegible] Nam viribus mulierem
excellit. Caput enim mulieris est vir
ut dicit Apostolus [illegible]. Unde vir
tenetur regere uxorem suam, sicut caput
[illegible] [illegible]. Hic maritus dicitur
quasi matrem tuens vel maris est [illegible]
[illegible]. Nam uxoris [illegible] matre
est [illegible] curam suscipit vel tutelam.
Unde a spondendo vel obligando vel pro-
mittendo sponsus dicitur. Nam in contractu
coniugali [illegible] se obligat ut
sibi uxorem solummodo [illegible]
teneat et debitum ei reddat [illegible] thori
fidem sibi custodiat et illam pro alia
non dimittat. Tantus autem amor debet
esse viri ad uxorem ut ipse [illegible]
pericula subeat [illegible] amorem eius [illegible]

[illegible] et ut pro eius cohabitatione patrem
et matrem derelinquat, sicut dicit Dominus:
Et propter hoc relinquet homo patrem et matrem
et adherebit uxori sue. Hic sponsus ante
sponsalia [illegible] domo ad suum a-
moris amplexum sponsam allicit [illegible]
et [illegible] [illegible] [illegible]
multa [illegible] et plurima [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
et rogat [illegible] [illegible]
[illegible] pro [illegible]. Nulli dubit
aliquid [illegible] sponse [illegible]
aliquid sibi [illegible]. Blande eam alloquitur
et blando vultu et [illegible] oculo eam
[illegible] ad faciem intuetur. Tandem in signum
[illegible] consensus sui [illegible] parentibus
[illegible] exprimit et anulo eam subarrat et
atque in coniugem eam ducit. Et in signum
confirmationis coniugii ei confert dona et
dotalia et [illegible] et sub carta et scrip-
ture [illegible] testimonio roborat et confirmat.
Postea et convivia nuptialia celebrat, mu-
nera ad [illegible] donat, convocat [illegible]
[illegible] et ad secreta thalami recipit
et solatium mense et thori eam statuit
dominam possessionum suarum et familie eam facit.
Et [illegible] non minus [illegible] sui
ipsius causa vel curam gerit. Ex amore
et zelo [illegible] recipit et custodiam circa
eam adhibet et apponit. Gestus et affatus
uxoris parat et aspectus ipse considerat,
ingressus et egressus eius examinat atque
perspicit. Viro autem bonam uxorem ha-
benti et fideli nullus est felicior.
Cui non sit uxor mala, clamosam, ri-
xosam, ebriosam, luxuriosam, multivolam,
sibi contrariam, sumptuosam, curiosam, invi-
diosam, desidiosam, vagam, amaram, suspiciosam

odiosam. Nullus tali viro miserabilior
est et infelicior. Hec omnia et similia
[illegible] tanquam fulgentia in simone quo-
dam et [illegible] in [illegible] [illegible]
parat [illegible] sponse [illegible] sponse [illegible]
[illegible] sponse [illegible]

De uxore bona et sponsa

*uxor bona et sponsa*

Ista sponsa [illegible] et uxore bona
requirunt iste conditiones [illegible]
sit [illegible] devota [illegible] ad di[illegible]
humilis et [illegible] ad obsequium ma-
riti, affabilis et [illegible] quo ad do-
mesticos, liberalis et larga quo ad [illegible]
ministros et benefica quo ad [illegible]
mansueta et pacifica [illegible] ad [illegible]
aspera et prudens in [illegible] fort-
et patiens in sustinendis, sedula et dili-
gens in agendis, modesta in [illegible]
in motu, [illegible] in affatu [illegible]
aspectu, honesta in [illegible]
[illegible] verecunda in [illegible]
continens in oculis [illegible]. Talis
uxor est laude digna que plus [illegible]
moribus quam vestis [illegible] plus virtu-
tibus quam pulchris vestibus studet placere
viro suo, que plus causa prolis quam
libidinis in bonis [illegible]
que ex [illegible] potius [illegible] filios [illegible]
delectatur. Et hec de uxore bona [illegible] sufficiant.

De patre

*patre*

Pater principium est generationis [illegible]
[illegible] desiderat per suam [illegible] mul-
tiplicare in filiis ut natura quam [illegible]
servare in se [illegible] custodiat in sua prole [illegible]
[illegible] constans. Et [illegible] ad filios [illegible]
[illegible] et transfundit et [illegible]
[illegible] diminutione [illegible]

[illegible] filius [illegible]
[illegible]
[illegible] in [illegible]
[illegible] filio [illegible]
[illegible] filios [illegible] et [illegible]
suum naturaliter diligit in tantum quod etiam [illegible]
[illegible] sibi subtrahat ut [illegible]
[illegible] hoc generale est [illegible]
[illegible] preceptis [illegible] in [illegible]
generat [illegible] multum [illegible]
[illegible] suos [illegible]
[illegible] et aquila [illegible] pullos
suos et alis ac rostro et unguibus
fugat [illegible] homo [illegible] filium suum
puerum diligit et nutrit et ablactat
[illegible] filius et
juventute [illegible] et [illegible]
[illegible] non desistit sub custodia [illegible]
[illegible] et ut [illegible]
[illegible] non [illegible] filium [illegible]
filius sibi magis diligit et in [illegible]
[illegible] et [illegible]
[illegible] et [illegible]
filiis dividit [illegible] filiis acquirere [illegible]
[illegible]
[illegible] et [illegible]
[illegible] pater non qui a pastu [illegible]
[illegible] pascit filios et in [illegible]
[illegible] a filiis et pascit in [illegible]
[illegible] contingit videre in [illegible]
[illegible] juvenes [illegible]
[illegible] qui [illegible] non possunt
acquirere [illegible]
[illegible] honorantium parentes
et substantiam [illegible]
[illegible] dicit [illegible] preceptum [illegible] est
honora patrem tuum et matrem tuam ut
sis longevus super terram [illegible]
[illegible] qui honorat patrem [illegible]
longior [illegible] glo. dicit honorare

[illegible] mandatum [illegible]
[illegible] magnum et [illegible]
[illegible] fastigio ma-
[illegible] benedictione privatus ma-
ledictionem incurrit filiis. Ut patet in filiis Cham
qui propter paternam offensam poenam incur-
rerunt servitutis perpetuae. Est itaque pater
a filiis honorandus, sustentandus
et supportandus, laetificandus et defendendus,
magnificandus et laudandus, reverendus
et venerandus. Ut dicit glossa ibi: Si filii
Abrahae estis, opera Abrahae facite etc.

## De filio

Filius ex parentum substantia originem
ducit et ab eis fomentum nutrimenti recipit
et sine parentum adiutorio nec vivere
[illegible] quanto a patre diligitur tanto ab eo di-
ligentius instruitur, frequentius corripitur,
sub districtiori custodia arctius custo-
ditur. Et magis cum diligitur a patre [illegible]
[illegible] verbis et verberibus [illegible]
[illegible] saepius lacessitur tanto [illegible]
a patre diligitur [illegible] sua [illegible] in filio
similior et expressior [illegible] poena
[illegible] aliquid [illegible] de
filiis [illegible] et [illegible]
ostenditur [illegible] aliquid [illegible]
in filiis [illegible] circa filiorum [illegible]
[illegible] parentum cura diligentius
et ob spem [illegible] filiis hereditas cu-
stoditur [illegible]
[illegible] filius [illegible]
filius [illegible] Nulla [illegible]
maior est ingratitudo [illegible] filiorum
filiorum qui [illegible] a pa-
tribus non [illegible] a filiis ne-
cessitatis [illegible] pro honorificen-
tia parentum filiis semper splendet honor

et [illegible] Primogenitus filius [illegible]
maior [illegible] a [illegible]
[illegible] primogenitus [illegible]
alii a primogenito [illegible] et alius [illegible]
dignior est [illegible] titulo [illegible]
[illegible] sicut dicit [illegible]
[illegible] primogenitus [illegible] et [illegible]
ordine [illegible]
[illegible] primogenitus [illegible]
[illegible] Filii igitur
qui per naturam deberent esse sicut parentes
nobiles [illegible] et liberi per culpam effi-
ciuntur viles [illegible] atque [illegible]
[illegible]

## De servo

Servus secundum Isidorum est dictus. Nam
quondam captivi servabantur vel ut
capite plecterentur vel ut pretio redimerentur
vel [illegible] sunt dicti [illegible]
[illegible] nec filios
mancipantur. Servorum autem tres species
[illegible] ut dicit Isidorus. Quidam enim sunt
vernaculi sive originarii, scilicet qui sub servitute
sunt nati, et tales multis privilegiis le-
galibus subiiciuntur, quia sua vendere vel
alienare non possunt, nec [illegible] nec dignitatem
officii assumere nec testimonium perhibere
nisi dominorum suorum voluntate. Unde etiam
sine infamia [illegible] super poena
infamiae [illegible] Alii sunt servi
emptitii qui a barbaris vel ab hostibus
capti vel empti iugo servitutis sunt
oppressi. Tertii sunt ascriptitii qui non
[illegible] sed voluntate serviunt ob spem
[illegible] et hi [illegible] famuli a famulando
et obsequendo sunt vocati, ut dicit
Isidorus. Sunt itaque [illegible]
[illegible] dictum est
[illegible]

de suo nisi additum est, quia in multis sive
et aliis est nocivus, sed et unum est. Quia
ostia vel negligit vel furtive subtrahit
et expendit. Proverb. 11°. Operarius
otiosus non locupletabitur. Item quamvis
est otiosus et tunc tempus [illegible] ad
laborandum inutiles reddit. Et sic servus
dicit patrifamilias [illegible] et tota die
otiosi etc. Eccl. 33°. Mitte servum in o-
perationem ne vacet, sic eum docet illum etc.
Item de bonis domini sui prodigus omnia
dissipat et consumit. Luc. 16. Quidam diffamatus
est villicus quod dissipasset bona domini sui etc.
Item piger somnolentus et fastidiosus omnia
bona negotia domini sui negligit et obmittit.
Eccl. 37°. Consilium cum pigro de [illegible] operis.
Et Luc. 19°. Servus piger abscondit
talentum domini sui sub terra [illegible].
Item protervus et rebellis quia se super
dominum se extollit. Eccl. 10°. Vidi servos in equis

p(ro) servum congregantur [illegible]. Item cupidus
et lucri avidus, lucrum cuius proprium domini
sui in proprium usum convertit. Et de
Giezi servo Helisei, qui sub nomine domini sui
pecuniam petiit, obtinuit, abstulit et ab-
scondit, ut habetur 4. Reg. 5°. Item superbus
et presumptuosus domini sui imperium
parvipendit, sicut dicit Miphiboseth
de Siba servo suo, servus meus contemp-
sit me dum [illegible] rex et asinum sternere
noluit, ut habetur 2. Reg. 19°. Et Job 19°. Ser-
vum meum vocavi. Item cum sit dives
et malitiosus gratiam sibi deficit et [illegible]
petit, et obtentam aliis non impendit.
Matth. 18°. Serve nequam omne debitum dimisi
tibi quia rogasti me. Item immemor
spretus est et obliviosus ignorans quid

sibi [illegible] rex [illegible] domini suo [illegible]
turus ad memoriam non reducit [illegible] 12°.
Et dixit dominus meus mora fuit
etc. Item iracundus et furiosus [illegible]
conturbat familiam et offendit. Luc. [illegible]
Et incipit servus esse bibere et inebriari
et percutere familiam [illegible] dominus [illegible]
etc. Maledicus et linguosus de [illegible]
proprie de domino suo maledixit, sic [illegible]
alio suo [illegible] qui eum [illegible]
accusavit. 2 Reg. 16°. Et Eccl. [illegible]. Ne
audias servum maledicentem tibi. Item si
fuit [illegible] et [illegible] contra
dominum suum [illegible] et [illegible]
19° qui [illegible] nutrit servum suum etc.
Et [illegible] non dicit servum [illegible] etc. Item
fraudulentus et dolosus insidias domino
suo ponit, et qui ipsum [illegible] sic perit.
4. Reg. 21°. Coniuraverunt ei insidias servi
sui, et interfecerunt regem in domo
sua. Item domino suo [illegible]
ab eo fugit et cum [illegible] adversario suo
[illegible] 3. Reg. 2°. Fugerunt servi
Semei in Geth. 2. Reg. 2°. [illegible]
[illegible] suum quod fugiunt dominos suos. Item cum
sit [illegible] et flagitiosus vix per [illegible]
malitia [illegible]. Eccl. 23°. Et sic servus
interrogatus [illegible]
a livore et livoris [illegible] non minuit
sed magis ad odium provocatur, quod dicitur servus
[illegible] non meliorat sed potius peio-
rat. Item cum sit [illegible] gratiam sibi [illegible]
a domino non recognoscit [illegible] iustitia [illegible]
[illegible] sibi [illegible]. Eccl. 33°. Laxa manum
suo et querit libertatem. Item si sit cri-
minosus [illegible] a domino suo sive
flagellis ab eo [illegible] vix [illegible] vix
[illegible]. Eccl. 42°. Servo pessimo sanguinare.
[illegible] servus qui verbis
non corrigitur, verberibus et corrigatur.

[illegible] [illegible] et laboris [illegible]
[illegible] [illegible] ad laborem [illegible]
[illegible] et [illegible] dui cui et [illegible]
[illegible] querit proverbiorum [illegible]
[illegible] qui quod dicis intelligit
[illegible] et luc. 12° servus
[illegible] voluntatem.

De bono servo

Boni autem servi conditio consistit in diversis. Nam servus est docilis et ingeniosus ad intelligendum preceptum [illegible] servus [illegible] est humilis et obsequiosus ad quodlibet obsequium impendendum [illegible] [illegible] quia ego servus tuus [illegible] tue. et ad [illegible] [illegible] [illegible] formam servi accipiens [illegible] et [illegible] ad [illegible] [illegible] servus in suo ministerio [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et nos [illegible] [illegible] [illegible] laudabunt [illegible] et [illegible] affabilis et [illegible] ad loquendum quia multi [illegible] [illegible] qui affabiles sunt [illegible] [illegible] david qui [illegible] saul [illegible] [illegible] [illegible] david in oculis [illegible] populi et [illegible] in conspectu [illegible] saul. et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] ad [illegible] adversarium [illegible] sui [illegible] [illegible] [illegible] servus [illegible] [illegible] [illegible] est [illegible] [illegible] in [illegible] sui negotio et studiosus in loquendo [illegible] [illegible] bonus et fidelis [illegible] [illegible] [illegible] servus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

ad lucrum domini sui procurandum. plus enim intendit bonus servus multiplicare et augmentare domini sui [illegible] [illegible] [illegible] quia in multiplicando bona domini [illegible] procurat [illegible] [illegible] luc. 19° bonus x servis dedit [illegible] x minas et [illegible] negotiamini dum venio. servus fidelis [illegible] est et [illegible] [illegible] ad [illegible] et [illegible] [illegible] [illegible] domini [illegible] [illegible] bene [illegible] [illegible] [illegible] [illegible] [illegible] semper dubitat et formidat ut [illegible] luc. 19° ubi dicit dominus Ecce [illegible] tua x. [illegible] [illegible] cum dicit dominus [illegible] tu esto habens potestatem super x civitates. [illegible] sollicitus est pro domino [illegible] et [illegible] studiosus [illegible] domino suo procurare [illegible] sicut [illegible] [illegible] qui se disponit ad [illegible] [illegible] aliter [illegible] [illegible] [illegible] bonus servus [illegible] sibi [illegible] [illegible] [illegible] dominus [illegible] laborat. luc. 12°. [illegible] servus [illegible] si [illegible] [illegible] dicat ille [illegible] [illegible] [illegible] [illegible] david. [illegible] dominus meus joab et servi domini mei super faciem terre [illegible] et ego ingrediar domum ut comedam et bibam [illegible]. [illegible] servus fidelis et timorosus servus domini sui adventum [illegible] se disponit antequam [illegible] [illegible] subintrat lectum [illegible] [illegible] [illegible]. luc. 12°. Beati illi servi quos cum venerit dominus invenerit vigilantes [illegible]. Amen dico vobis [illegible]. [illegible] servus qui [illegible] domini est [illegible] et [illegible] aliis dormientibus vigilat ad suum dominum custodiendum [illegible] [illegible] david [illegible] et alios [illegible] regis saul dormientes [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dormiebat

Et sequitur filii vocentur celi. vel quia sunt misericordes. vero in dominum servus suus quod debitor domino suo est affectuosus dictus et manibus [illegible] domini [illegible] ad suum beneplacitum promptus. non aliquod sive nocumentum sufficiat vel dicente sive aliquid bonum a domino beneficio acquirunt [illegible] sic omnis [illegible] domini sive [illegible] servus bonus servus numquam a labore est inquies numquam ab utilitate domini otiosus quia sive [illegible] videat sive abstineat sive vigilet sive dormiat omnia queritur ad utilitatem illius cui servit ordinat et volunt Job 12°. Sicut cervus desiderat umbram, et mercennarius [illegible] sic bonus servus [illegible] in [illegible] est domino suo onerosus in [illegible] roba domini sui [illegible] pro domini [illegible] Sit enim quod completo servicio suo tamen [illegible] est ad huc [illegible] acceptiorius [illegible] [illegible] est ut [illegible] et [illegible] est est [illegible] [illegible] [illegible] nullatenus a domino [illegible] 29° et [illegible] servus suus in [illegible] disciplinatus et virtuosus [illegible] dominus graciosus et in [illegible] est [illegible] Et ideo servus sensatus ad hoc diligentiam adhibere debet [illegible] [illegible] modo suo domino administret [illegible] plus domino [illegible] [illegible] servitur [illegible] servitur [illegible] Ambulans in via immaculata [illegible] mihi ministrabat [illegible] Servus sensatus est tibi sit tibi [illegible] tua [illegible] servus bonus a domino [illegible] contra [illegible] [illegible] [illegible] [illegible] Sit enim quod bonus dominus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] liberi [illegible] disciplinati

natus non [illegible] [illegible] [illegible] [illegible] [illegible] et diligent [illegible]

De domino

Sicut servus [illegible] [illegible] est [illegible] [illegible] domino a quo est omnis potestas [illegible] est [illegible] [illegible] domino non [illegible] [illegible] plura [illegible] [illegible] [illegible] [illegible] [illegible] vel [illegible] [illegible] namque de medio [illegible] [illegible] libera est malicia [illegible] [illegible] [illegible] ut dicit [illegible] [illegible] [illegible] [illegible] [illegible] non [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] non [illegible] pro [illegible] [illegible] [illegible] [illegible] [illegible] dominus est [illegible] potestas [illegible] [illegible] dominus et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] suum est [illegible] malicia [illegible] [illegible] pro [illegible] [illegible] [illegible] [illegible] malefactor [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] malefactor et [illegible] [illegible] [illegible] [illegible] non [illegible] [illegible] [illegible] [illegible] ordinat et disponit [illegible] quo [illegible] dominus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sicut dicit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] clementiam et [illegible] [illegible] [illegible] [illegible] et ideo [illegible] dominus.

[illegible] [illegible] ad maleficos liberali[illegible] [illegible] est et accidit dum dominus amatur q[illegible] [illegible] [illegible] non ab omnibus subditis suis [illegible] [illegible] et malefactores [illegible] cogitur vt dicitur [illegible] non timeatur sed veneratione liberis [illegible] est placitum non vt ab hostibus sed ab [illegible] timeatur. Onus enim hominis naturaliter equales genuit sed pro diuersis meritis alios aliis iusta dispensatione disposuit, vt humana formidine coherceantur qui diuinam iusticiam non formidant. Ex hoc tamen dominus non superbiat in sua potestate sed subditorum nobilitatem et iusticiam seruet. Non enim hominibus sed bestiis [illegible] q[illegible] et illa pars qua bestialis est dominio suo [illegible]. Est ■ etiam dominus nomen nobilitatis sicut dicit [illegible] Tullius et [illegible] viros sapientes et nobiles [illegible] dominos et [illegible] [illegible] [illegible] et [illegible]. Non dicunt esse nobiles et [illegible] non [illegible] [illegible] merita et [illegible] Ambrosius. Nam in [illegible] nobiliores et [illegible] fortiores [illegible] [illegible] [illegible] ductores. vt patet in [illegible] et volatilibus et et in apibus [illegible] quibus omnibus alii aliis ducunt et [illegible] [illegible] nobiliores [illegible] [illegible] ne [illegible] [illegible] [illegible], vt sic ad [illegible] nobilitatem [illegible] [illegible] et [illegible]. Ex quo sic [illegible] nobiliter [illegible]. Item dominus nomen est honoris et dignitatis sicut dicit [illegible] [illegible] obedite dominis [illegible] [illegible] [illegible] [illegible] honore [illegible] [illegible] et a subditis honore et reuerentia [illegible] et [illegible] [illegible] subditos honorificentia dignos [illegible] [illegible] vel [illegible] tota [illegible] honorat et timet et [illegible]. Item dominus nomen est [illegible]

et [illegible] et seruiciat [illegible] [illegible] et [illegible] dominus iuste possidet et distribuit [illegible] [illegible] sub bono [illegible] [illegible] ac [illegible] [illegible] [illegible] [illegible] [illegible] nullus [illegible] [illegible] [illegible] [illegible] atque in [illegible] [illegible]

Item de bono domino

Sicut autem bono domino et iusto nichil [illegible] est vtilius, ita malo domino nichil peius. Nam malus dominus [illegible] quos [illegible] debet spoliat opprimit et [illegible] angariis angariat et [illegible] [illegible] violenter tollit [illegible] superbis [illegible] [illegible] [illegible] iusticia violat et pauperi non iudicat. [illegible] Audite principes qui abhominamini [illegible] a quo recepit vectigalia et tributum ab [illegible] [illegible] non defensat [illegible]. Ezechiel 13o [illegible] malicie sue non [illegible] [illegible] [illegible] et flagellat. ysaye 10o Vabo [illegible] in manibus [illegible] [illegible] [illegible] [illegible] est.

[illegible] [illegible] [illegible] vendiderat et omnia sua [illegible] putat [illegible] filios tuos et agros tollet. Item tiranni potius quam amari desiderat [illegible] [illegible] [illegible] vidit rego [illegible] honorari ab omnibus et venerari affectat [illegible] ca[illegible] [illegible] adorare statuam leges et statuta antiquorum destruit et sua ordinat ysaye [illegible] [illegible] qui dedit leges iniquas sub specie iusticie crudelitatem et iustitiam palliat et occultat ysaye [illegible] dominatores [illegible] [illegible] exactionibus et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] exactores spoliauerunt et [illegible] [illegible] capitul[illegible] [illegible] [illegible] [illegible] capitulo.

[illegible] p[er] ... Aliter absque causa
[illegible] ... et cum ... [illegible]
delatores diligit et ... [illegible]
... accomodat ... [illegible]

Item de malo divite

Plures magis libenter audit verba men-
dacii et adulacionis et parcit nullis
[illegible] ... iuravit ille [illegible]
[illegible] ... videt [illegible]
tionem et recipit ... usurarum
epulas et delicias alienis laboribus
sibi parat ... [illegible]
... sicut ... [illegible] bal
dasar ... et ... [illegible]
... et fidelis ... [illegible]
remuneratur sicut voluit [illegible]
nerari Jacob qui dixit ... deus patris
mei affuisset michi modo ... forsitan
nudum dimisisses. Item ... [illegible]
ingrata reputatur ... [illegible]
nore debito forte putatur sicut [illegible]
in Judith ... ista [illegible]
tem peccatoris eius ... [illegible]
ficiens aliis laborantibus in lucris et po-
tibus ipse vacat ... [illegible]
cuius rex puer est et cuius principes
mane comedunt ... [illegible] ... bi-
bat ... in tabernaculo suo
[illegible] ... hec de proprietatibus hominis quo ad
membrorum diversitatem et quo ad etatem
et quo ad sexus distinctionem et variam
qualitatem nunc sufficiat. Nunc de
quibusdam accidentibus que contingunt
circa hominem et ... et post ...
Aliqua Christi adiutorio sunt dicenda
[illegible] primo de cibo ... de potu ... de [illegible]
et sompno. De rebus non naturalibus
Et primo de cibo

Dicto de proprietatibus hominis quo ad illa
que illi nate [illegible]
de illis proprietatibus ... [illegible]
... esse [illegible] ... Et [illegible]
[illegible] ... cibus [illegible]
[illegible] ... istis non [illegible]
[illegible] corpus ... istum [illegible]
hic non ... in suo loco ... [illegible]
dicemus. De cibo igitur primo dicamus [illegible]
hic sufficiat que cibus est ... Consti-
[illegible] ... in naturam corporis con-
vertitur corpus augmentans nutriens
et sustentans. Calore enim [illegible]
interiori et exteriori ... continua est [illegible]
et resolutionis. ... continua [illegible]
ratio ad ... [illegible]
autem sumptus ... [illegible]
et in ... [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]
ipsius attractio et ... [illegible]
[illegible] ... assimilatio
[illegible] cibus ... membris
[illegible] ... incorporatur [illegible]
[illegible] ... post ... ista [illegible]
[illegible] fit incorporatio et in [illegible]
[illegible]. Nam quod [illegible] est et [illegible]
transit in [illegible]
quod non [illegible] ... in natura
[illegible] et ossis ... de aliis. Cibus
itaque sumptus incorporatus in membris
[illegible] ... corporis nutrit et [illegible]
[illegible] ... calorem naturalem
[illegible] ... restaurat et [illegible]
corpus ... Ciborum autem [illegible]
[illegible] ... diversitates [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]

[illegible] quidam vero cibi [illegible]
[illegible] multum sanguinis generant quidam
[illegible] vero potius [illegible] et ali-
[illegible] nutriunt. Et similiter omnis
cibus laudabilis sanguinis generativus magis
est [illegible] sanitati. Laudabilis
[illegible] grossus [illegible]
superfluus sanguinis generativus est [illegible] cibus
ex quo generatur multus sanguis paucarum
superfluitatum et e converso. Cibus autem ex quo generatur
paucus sanguis multum generat superfluitatem.
Et similiter secundum diversitates ciborum dis-
ponit et variant [illegible] ciborum et [illegible]
qualitates ut dicit Constantinus libro primo.

¶ [illegible] cibum autem considerant ista sicut
et [illegible] durum ut dicit Galienus super amphorismos
[illegible] Subtilitas qualitas [illegible]
[illegible] et [illegible] quantitas [illegible]
[illegible] substantia [illegible]
Ad custodiam et [illegible] corporis [illegible]
Est enim quidam cibus [illegible]
et facilis [illegible] et talis est [illegible] con-
servativus. Quidam autem [illegible] medicinalis
[illegible] et facile alterativus et natura-
[illegible]. Quidam vero cibus [illegible]
[illegible] corruptivus sicut cibi
venenosi qui [illegible]
[illegible] ciborum [illegible]
et [illegible] venenum [illegible] cibi.
Qualitas autem cibi attenditur vel [illegible]
[illegible]
cibus in primo gradu vel [illegible] ultimam
[illegible]
[illegible] post [illegible] medicinarum [illegible] dicitur
in [illegible] gradu [illegible] maiori [illegible]
[illegible] vel minori [illegible] attendendum
est [illegible] qualitatum
ut dicit Constantinus aliquis cibus est
subtilis [illegible] facilis digestionis [illegible]

[illegible] parum nutrit quia [illegible]
ex quo generatur sanguis qui cito resolvitur
a membris [illegible] parum nutrit [illegible]
[illegible] Et est cibus grossus [illegible] tardius
digeritur et cuius [illegible] multum
nutrit ex quo generatur sanguis grossus
qui tardius resolvitur ab ipsis membris.
Nam ut dicit [illegible] ex subtili cibo [illegible]
fit subtilis sanguis et e converso [illegible]
[illegible]
[illegible] bonum quoad cibum [illegible]
[illegible] assueta
[illegible] dispositione ad putrefactionem et
[illegible] quia cibus debet esse
uniformis [illegible] mensa simul
diversa nutrimenta assumantur quia [illegible]
[illegible] cibus digeritur alter
[illegible] et per hoc stomachus minus
[illegible] Considerat etiam in
cibo quantitas [illegible] et [illegible] Nam
attenditur vel [illegible] minimum vel [illegible]
[illegible] cibus fuerit minus [illegible]
gravat stomachum destruit et inflat [illegible]
[illegible] generat malos [illegible]
et [illegible] augmentat. Nauseam
et vomitum provocat calorem naturalem
sicut oleum in lampade nimium [illegible]
[illegible] et suffocat spasmum et
contractionem nervorum causat [illegible]
[illegible] apostemata [illegible] provocat [illegible]
[illegible] Contra quam
pro ciborum [illegible]
et [illegible] Quando vero cibus
[illegible] paucus nam debilitat [illegible]
[illegible] fluxum ca-
pillorum [illegible] generat [illegible]
[illegible]
[illegible] generat
atque causat [illegible]

in temporibus diceris maxime [illegible]
[illegible] Cibus uero me
[illegible] est laudabilis quia de [illegible]
[illegible] virtutem conservat, [illegible]
[illegible] tempore [illegible]
[illegible] salutem
[illegible] et [illegible]
[illegible]
fuerit [illegible] restauratio [illegible] fuerit
[illegible] et [illegible] calor [illegible]
Cibus [illegible] augmentetur [illegible]
adolescentia [illegible] fuerit [illegible]
[illegible] restauratio [illegible]
minuitur et [illegible] et [illegible]
Si fuerit [illegible] restauratio [illegible]
dissoluta corporis [illegible] in resistentia,
et in statu, sicut est [illegible] in [illegible]
[illegible], consideratur cibus vel [illegible]
2a convenientis quia alius [illegible]
alius [illegible], alius [illegible]
Alius exercitatus, alius [illegible]
ta enim sunt salubria [illegible]
que sunt mortifera [illegible] et etiam
in sanis differentia est, quia [illegible]
[illegible] quod alteri [illegible] est [illegible]
alteri [illegible] est [illegible]. Et [illegible]
[illegible] est mors [illegible]
[illegible] cibus est prescindens [illegible]
ut dicit Galienus. Variandus est cibus [illegible]
varietatem cause morbi. Nam aliquis
cibus salubris est in quartana que
est mortiferus in acutis, et aliquis
cibus qui est [illegible] in morbi principio
nocivus est in [illegible] est in
principio. Nam [illegible]
[illegible] ut dicit Ypocras et Galienus
quia [illegible] circa [illegible]
est [illegible]

[illegible]
[illegible]
dandus est [illegible]
et diuturno [illegible]
[illegible] et [illegible]
maior cibus [illegible]
[illegible] augmentum et [illegible]
debet dari minus. Ciborum [illegible]
[illegible] est 2o [illegible] morbi [illegible]
[illegible] et 2o [illegible]
[illegible] et 3o quod [illegible]
[illegible]. [illegible] alio [illegible] cibus est [illegible]
et [illegible] alio [illegible]
Nam abstinentia [illegible]
facilius [illegible] et [illegible]
[illegible]
[illegible]
[illegible] Nam in [illegible]
et calor [illegible] in aliquibus [illegible]
et [illegible] maior cibus [illegible]
[illegible] paucis [illegible]
[illegible] minor cibo
[illegible]
quia in illis calor est debilior, et in [illegible]
[illegible] fortior est [illegible]
[illegible] est [illegible]
[illegible] nam [illegible]
[illegible]
[illegible] Ypocras dicit [illegible]
[illegible] nam sunt [illegible] et [illegible]
[illegible]
[illegible] sunt danda [illegible] calore
est [illegible]
[illegible]
[illegible] et fortior est digestio calore
[illegible] fortiore [illegible] estate [illegible]
[illegible] et [illegible] potius [illegible]
[illegible] et [illegible] minorari. [illegible]

[illegible] natur[e] appetit
[illegible]
[illegible] appetit[us] [illegible] multo indiget
[illegible] in quib[us]
[illegible] complementat calor naturalis et
[illegible] multo indigent nutrimento sicut ibi
[illegible] Galienus. Est igitur cibus
[illegible] virtus, et maxime quemadmodum
est in [illegible] est et non superfluum
[illegible] tempus. Nimia enim ci-
[illegible] sive saturitas mors dicitur et an-
[illegible], et potissime periculosa est
saturitas post [illegible] sive fa-
mem sicut dicit [illegible] plus [illegible] non tunc
appetit [illegible] digeri possit, et ideo circa appe-
titum et saturitatem cibus sumendus est.

De potu.

Potus est [illegible] ad [illegible]
[illegible] potus [illegible] ut dicit
Constantinus [illegible] multiplex
[illegible] est corporibus [illegible]
[illegible] et ad humidum [illegible]
et restaurat cibus [illegible] ad
[illegible] trans-
[illegible] post
[illegible] ut dicit Constantinus [illegible]
[illegible] est [illegible] potus [illegible]
[illegible] aqua [illegible]
[illegible] et potus [illegible]
[illegible] ut dicit Constantinus [illegible] potus
[illegible] cibum nutriens et calefaciens
[illegible] et calorem confortans naturalem
et est potus medicinalis [illegible]
[illegible] potus [illegible] et [illegible]
medicine sicut sirupus [illegible]
[illegible] Sicut autem dicit Constan-
tinus sanitati custodiende et conservande [illegible]
[illegible] aqua est [illegible] ideo oportet medicus
aquam non negligat [illegible]
[illegible] ut laudandas [illegible] non

laudandas. Aquarum autem [illegible]
[illegible] non [illegible] Aqua ergo [illegible]
[illegible] fontana orientalis levius calefaciens
et cito [illegible] ut dicit Constan-
tinus sanitati custodiende est laudabilis [illegible]
[illegible] cito [illegible] per hoc [illegible] est levis
[illegible] non est indigestibilis [illegible]
[illegible] est cito calefaciens et cito [illegible]
[illegible] est [illegible]
aquis que [illegible] et lauda-
bilior ad bibendum [illegible] panis [illegible]
et alium bonum [illegible] in alia, et [illegible]
[illegible] aqua [illegible]
est [illegible] C post hanc aqua [illegible]
[illegible] est aqua septentrionalis fontana
[illegible] est inter orientem et aquilonem
[illegible] fluens [illegible] aquilonem, propter hoc enim
[illegible] ventis septentrionalibus
[illegible] Aque in [illegible]
sunt calide [illegible] in estate [illegible]
[illegible] septentrionale fugat calorem ad in-
teriora [illegible] sibi obviatorum [illegible] ibi [illegible]
[illegible] frigiditatem obviat et resistit, et aqua
fontis [illegible] calefacit, in estate vero
calor aeris [illegible] fugat frigiditatem ad ca-
pita fontium [illegible] aquam
[illegible] ut dicit Ysaac [illegible] et Constantinus
[illegible] aqua fluens [illegible] montibus super
petram vel arenam limpidissimam sicut
alveum magni fluminis [illegible] gradum obti-
net sanitatis ut dicit Constantinus. Aqua
[illegible] pluvialis ut dicit Constantinus, melior
est ceteris et saporosior et levior et [illegible]
[illegible] sicut dicit [illegible] ut
[illegible] pluvia [illegible] est fumus aquarum
a sole attractus [illegible] solis non nisi
[illegible] subtilissimum est [illegible] Et ideo ceteris
aquis melior et digestibilior [illegible]
[illegible] est putrefactionis
[illegible] ut dicit Constantinus, ex [illegible]

non est rumpenda sed ex subtilitate sua
potius est laudanda. Quibus enim aqua cito
corruptioni advenit est subtilis. Unde
que est putrida que cito corruptionem [illegible]
si non putrida optima est, et ideo a putredine
est cavenda. Item dicit Constantinus aqua
que [illegible] colligitur pluvia [illegible]
[illegible] non descendit [illegible]
melior post [illegible]
[illegible] Dicit Constantinus
quod quicunque bibit aquam non [illegible]
[illegible] Aqua
non cilia et dicit Constantinus frigiditas
stomachum lavat et [illegible] purgat
[illegible] et [illegible] putredine [illegible] non
defirat et solvit, digestivam [illegible] pur-
gat et turbat sanguinem, et [illegible] ma-
nare facit. Item aqua cilia laudabi-
lior est frigidis mane [illegible]
de nocte [illegible]. Dicit etiam [illegible]
et testificati sunt dicit [illegible] sapi-
entes quod aqua cocta est minus inflativa
et facilioris penetrationis, quia [illegible]
[illegible] per mixta actione ignis dissolvuntur
et [illegible] expelluntur. Et [illegible]
[illegible] exstimati sunt quod subtilius
[illegible] per decoctionem, et quod grossius
est remaneat. Et hoc [illegible] ex partibus
enim subtilibus constat aqua [illegible]. tanta
posset fieri decoctio quod nihil remaneret
nisi [illegible] pars terrestris, ut patet in aqua ex
qua fit sal per violentam decoctionem. Aque
autem ex nive et grandine resolute omnibus
sunt illaudabiliores preter aquas [illegible]
[illegible] et palustres. Iste aque [illegible]
[illegible] quia ut dicit Constantinus [illegible]
[illegible] corpus et stomachum [illegible]
[illegible] [illegible] [illegible]
[illegible] lapidum [illegible] [illegible] primus

[illegible] non possit [illegible]
[illegible] et dicit [illegible]
aqua nivis et glaciei [illegible]
ad [illegible] subtilitate non [illegible]
non insipida quamvis [illegible] est [illegible]
Alia enim est salsa, alia sulphurea, alia
aluminosa, alia metallina. Salsa [illegible]
ut dicit [illegible] [illegible]
[illegible], et lavat [illegible] bibita [illegible]
et [illegible] humorem [illegible] ligat [illegible]
pat corpus desiccat [illegible] [illegible]
[illegible] [illegible] curat [illegible]
[illegible] bibitur. Aqua vero sulphurea ad [illegible]
[illegible] [illegible] [illegible]
[illegible] humores [illegible] [illegible]
[illegible] de sulphure [illegible] potius [illegible]
[illegible] natura. Aqua autem aluminosa
[illegible] et desiccat sanguinem [illegible]
[illegible] et sedat et emorroidas [illegible]
Aqua quoque metallina [illegible] metalli
[illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] nubes
[illegible] [illegible] [illegible]
[illegible] Aqua de metallo eris [illegible]
[illegible] [illegible]. Aqua de metallo ar-
genti [illegible] et [illegible]
[illegible] potum dari non [illegible]
[illegible] [illegible]. Post autem [illegible]
que [illegible] est post [illegible]
autem vinum in [illegible] quia [illegible]
[illegible] grossiora duriora et [illegible]
[illegible]. Alia vero sunt subtilia et [illegible]
[illegible] stomachum cito [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]. Alia vero sunt me-
diocria et in suis actionibus temperata
[illegible] vini [illegible]. Consi-
derat vinum [illegible] Constantinus quantum
[illegible] quo ad differentiam [illegible]
quo ad violentiam odoris, quo ad [illegible]

Et [illegible] colore et claritate. Nam in-
ter [illegible] vina est quod nocuit et
[illegible] perversum est, non transit in
[illegible] gradu primi, sicut vult dicere Ga-
lienus in libro de simplici medicina. Vi-
num enim constat ex contrariis substantiis, scilicet aqua-
sitate et igneitate et terrea. Aqueitatem
per longam moram consumunt et partes vina
confortantur. Vina itaque vetustiora sunt ce-
teris laudabiliora et calidiora. In odore
autem diversificantur vina, quia quedam sunt odorifera
bene nutrientia. Alia vero odore horribilia
malum sanguinem et capitis dolorem generantia.
¶ In sapore autem maxime diversificantur vina,
quia quedam sunt dulcia aliis nutribiliora di-
citur humectantia. Alia vero sunt pontica
stomacum confortantia et ventrem astringen-
tia. Alia vero sunt acerba quia diuretica.
Alia vero amara et citrina [illegible] calida.
¶ In colore similiter variatur. Nam quoddam
est album in membris calidum, quia ut dicit Consta-
tinus [illegible] membrorum [illegible]
sanguinis [illegible] generativum et doloris ca-
pitis commotivum. Aliud vero est nigrum,
id est quod citrinus est magis nutritivum. Aliud
est rubrum vel rubicundum et illud aliis
magis est calidum, tamen quia terrester et gros-
sum est quam album vel citrinum, non est ita per-
forativum nec lesivum. Vinum autem
quod in omnibus predictis est mediocre
temperatum est laudabile. Nam naturalem calorem
confortat, per omnia membra vias reserat,
gaudium et audaciam generat, virtutem cordis
administrat, colera rubea cum sudore et
urina evacuat, coleram nigram reparat,
membra ex humore consumpta reparat et
humectat, vires reparat, cordis paupertatem,
appetitum provocat, similiter digestionem
provocat et adiuvat. Subtilitatem [illegible]

Opilationes splenis et epatis aperit,
superflua in corpore dissolvit et consumit, albe-
ginis dolorem et lenitudinem tollit,
eloquentiam facit, lapides in renibus
solvit et arenulas dissipat et educit,
Sanandis vulneribus [illegible] in [illegible]
subvenit, sanis et infirmis [illegible]
si modo debito et [illegible] assumatur. Si
vero in qualitate vel quantitate modum
excesserit, non abutenti erit vinum re-
medium, sed magis erit potius et venenum
sicut [illegible] ebrietatem [illegible] // Item [illegible]
potus est potus et medicina sicut oximel
et [illegible]. Nam talis potus cum mis-
[illegible] [illegible] in corpore digerit, ab-
luit et repellit. Item laxat quod constipat,
quod infrigidat et exsiccat. Aliquis vero calefacit,
emollit et humectat. Sed has potuum
differentias medicis relinquo dimittamus.
De cibo et potu

Cibus itaque et potus ad prandium
et cenam habent ordinationem et
respectum. In prandiis igitur primo cibaria
preparantur, convive pariter convocantur. Sedes
et sedilia preparantur, in cenaculo ordi-
nantur mense, et mensalia disponuntur.
Hospites cum domino in capite mense collo-
cantur. Non prius ad mensam residunt quam
prius manus hospites abluant. Deorsum
filii domini et deorsum familia ad mensam
pariter resideant, ordinatur. Cultella
et salsaria primitus in mensa ponuntur,
panes cum poculis mox superadduntur, fer-
cula multa et varia subsequuntur. Clientes
ministrant cum diligentia singulos obsequentur. In
Aliquo [illegible] instrumentis [illegible] collocant
[illegible] et [illegible] dilatant. Nunc
vina [illegible] fercula renovantur. Sibi invicem
fercula apposita adiciunt et partiuntur

De cibo et potu

Assuerij

fructus insup subinferunt. Co(m)pleto prandio mensalia cu(m) reliq(ui)s aufferu(n)tur et mense d(e) medio remouentur manus abluu(n)tur iter(um) et t(er)gu(n)tur et gratiar(um) actiones deo et hospiti p(er)soluu(n)tur. Ex(?) hijs laticis pocula [illegible] iterum et iter(um) [illegible] hijs in prandio [illegible] vel ad lectulu(m) quietis gr(ati)a recipiunt et red dere ad [illegible] p[illegible]

De cena

Cena dicit(ur) a cenon q(uo)d est co(mmun)e p(ro)pt(er) [illegible] co(mmun)ionem [illegible] cenam solenne fuit in [illegible] [illegible] [illegible] luxuria [illegible] / Et modo [illegible] c(en)a [illegible] q(uo)d est umbra q(ui)a iam [illegible] [illegible] [illegible] latibula ut dicit papias / vel [illegible] a [illegible] [illegible] [illegible] p(ro)pt(er) [illegible] et [illegible] [illegible] vnusquisq(ue) enim suam [illegible] ad manducandu(m). p(rim)a cor. x(i)o. Omnia autem q(ue) supius d(e) prandio dicta sunt [illegible] q(ue) [illegible] / ista [illegible] cena(m) [illegible] [illegible] et exaltant. Et hec o(mn)ia in [illegible] [illegible] [illegible] ut p(atet) in hester p(rim)o.

Asuerij

p(rim)o est t(em)p(or)is co(n)gruitas [illegible] [illegible] [illegible] [illegible] t(em)p(o)re nec et nimis tempestiue et nimis tarde. / 2o est loci oportunitas q(uan)tum ad spaciositatem amenitatem et securitatem, in loco enim spacioso amenis et securis sol(en)t ut nobiles fac(er)e [illegible] sua. [illegible] d(e) rege assuerio dicitur q(uod) fecit [illegible] suu(m) in vestibulo orti [illegible]. 3o est inuitator(um) liberalitas quo ad multa [illegible] [illegible] [illegible] valet cena [illegible] [illegible] hospites [illegible] turbulenta. hester p(rim)o cu(m) [illegible] / 4o est [illegible] multiplicitas, ut [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. hester p(rim)o in alijs et alijs / q(ui)a est [illegible] [illegible] [illegible] in hester p(rim)o [illegible] [illegible] q(ui)a est [illegible] [illegible] [illegible] hester p(rim)o [illegible] [illegible] [illegible] [illegible] [illegible] / 7o est [illegible] [illegible] [illegible] [illegible] hester p(rim)o fecit [illegible] [illegible] [illegible] optimatibus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vel simphonia non solent [illegible] [illegible] celebrari [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] optata numerositas. Nam in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] attendunt. / 10o est [illegible] [illegible] [illegible] [illegible]. [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] appo(n)i cibaria sic(ut) in p(ra)ndio Sed potius q(uo)d in [illegible] [illegible] [illegible] [illegible] apponu(n)tur [illegible] [illegible] [illegible]

[illegible] xi est cene diuturnitas. Solent [illegible] [illegible] q(uan)do expediti sunt a labore protrahi [illegible] [illegible]. Cibus enim nimis [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] Asuerij [illegible] [illegible] p(er) dies [illegible]. xij est [illegible] q(ui)a [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] xiij. [illegible] [illegible] [illegible] [illegible] enim est [illegible] q(ui)a [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] strati sup(er) [illegible] in [illegible] Asuerij, ut p(atet) in hester p(rim)o. Nam ut dicit Constantinus Cum [illegible] [illegible] [illegible] [illegible] facilius dormimus

d(e) sompno

De sompno

Sompnus [illegible] [illegible] [illegible] [illegible] [illegible] virtutu(m) [illegible] [illegible] [illegible] [illegible] sensibus et motiua [illegible] [illegible] [illegible]

[illegible] tur fortissime opa-
[illegible] in sompno intendit.
[illegible] modo dicit Aug^s in li^o
Sompnus inquit est
quedam insensibilitas naturalis corporis est
[illegible] dicit vita et sompnus na ut dicit
Sompnus est quedam immobilitas
[illegible] sensuum. Quod autem dicit
insensibilitas naturalis facit ad differentiam
[illegible] est sinapis. Unde dicit quod sompnus non
est privatio vigilie sicut cecitas visus
quia privatio id quod est secundum naturam diminu-
it et destruit. Sompnus autem naturam conservat
et est secundum naturam sicut vigilia. Propterea anima non
delectatur in privatione sed in sompno delec-
tatur. Unde sompnus privatio non est sed dis-
positio naturalis. Alio modo diffinitur sompnus
sic. Sompnus est quedam passio interiorum
membrorum cerebri et viarum sensuum oppilans
naturales virtutes confortans calorem naturalem ad
[illegible] ab interioribus revocans. In sompno
enim interiora corporis calescunt et exteriora
infrigescunt. Unde profundatur calor homi-
nis in sompno et oppillat organum sensus
communis quod est anterior ventriculus cerebri
cerebri a quo omnes alii sensus influun-
tur et extendit quandamque lineam
a anterio ad posteriora prolonguntur.

Illo ergo ligato et oppillato potentie
particulares extendi nequeunt ad organa
sensibilia deputata. Hoc autem fieri
non [illegible] a motu voluntario quiescit
[illegible] motum voluntarium fit [illegible].
Sompnus autem ut dicit Constantinus in Panthegni
alius est naturalis alius innaturalis et
quo vilis ad plus dicit. Naturalis vero fit
ex humido temperato cerebri et ex fumo hu-
mido [illegible] ad [illegible]
Fumus autem [illegible] et replet
[illegible] et [illegible] et hebetat sensus

Augustinus autem in [illegible] dicit quod sompnus
aut ab intrantibus extensis exit
aut ab humore intrinsecus temperato.
Cum sic resolutus in fumum petit cerebrum
et ibi resolutus distillat frigidus [illegible]
fit unde [illegible] calidus [illegible]
mando autem [illegible] calorem cordis et
[illegible] operari [illegible]
et [illegible]. Cor est sompnum operatur
et [illegible] bonum vel malum a corde procedit.

In sompno autem [illegible] virtus animalis a
[illegible] vitalis sicut [illegible] spiritualis
et naturalis. Quod patet per pulsum et respirationem
et digestionem. In sompno enim maxime
digestio celebratur. Augustinus sic diffinit
sompnum. Sompnus inquit simonie
est reductus spiritus ab instrumentis
sensuum et motus. Per eum quo [illegible]
[illegible] instrumenta ipsorum spirituum. Et sompnus
quidam naturalis est reductus spiritus cum pro-
fundatione ut digeratur cibus interius
ut patet in sompno [illegible] sit enim
in eis sompnus profundus propter superflui-
tatem repletionis spiritus. Nam enim consultatus
ab [illegible] spiritus profundatur ipsum in
interioribus et facit ipsum latere in anterio-
ribus. Unde fit sompnus profundior et
prolixior in ipsis et hoc contingit dormientibus
sompnio [illegible] medicina lassativa
resolvitur ex plenitudine et [illegible] erigit
igitur [illegible] suis virtutibus ut dicit Augustinus
Sic autem dicit [illegible] li^o 3^o. Sompnus
convenit cuique etati [illegible] sanguinem
licet in quibusdam sit sompnus [illegible]
[illegible] et [illegible]. Ex predictis patet quod
causa materialis sompni est fumus indige-
stionis a corpore resolutus. Causa vero
formalis est in capite quo sensus [illegible]
et organa [illegible] sensibilium que op-
pillantur et ligantur [illegible] quiescit [illegible]
[illegible] omnia [illegible]. Ratio autem

Sompnus [illegible]

sompnus secundum Constantinum dupliciter variatur: secundum quantitatem et secundum multitudinem materie quam invenit in corpore. Secundum quantitatem quia si sit nimis durata desiccat corpus humectat et refrigeratur quia fit dissolutio humoris et per consequens fit extinctio caloris. Illa maioratur calor naturalis minoratur. Si vero sit nimis parvus virtus digestiva destruitur, corpus desiccatur. Si vero sit moderatus cibus bene digeritur, corpus impinguatur, animus confortatur, calor naturalis augetur, humores temperantur et [illegible] clarificantur. Item respectu materie quam invenit eius actio variatur quia si materia fuerit multa et calor naturalis debilis per sompnum fit maior humorum resolutio quam calor naturalis vincit et extinguit. Et ideo propter [illegible] debilitat et multum sine sompno tanta fiat resolutio humorum quod non potest natura. Sed si fuerit cibus temperatus simpliciter et humor calor per sompnum interius revocat, cibos digerit, humores temperatos reddit, corpus humectat et celefacit et impinguat. Et recolligitur ergo ex predictis quod sompnus calorem naturalem ad interiora revocat, exteriora infrigidat et a sanguine depauperat, interiora vero calefacit et nutrit ac confortat. Fortificat etiam cruda et pura decoquit et maturat [illegible] et sensibiles revocat et [illegible]. Si fuerit in qualitate et quantitate temperatus [illegible] alleviat futuram quod victoriam contra morbum et bonam crisim denuntiat. Et [illegible] sompnus fuerit [illegible] suspectus est ut dicit Constantinus.

de sompno

## Item de sompno

In sompno igitur considerat dormientis quod voluntarie ad dormiendum se deponit. Nam [illegible] aliquid non [illegible] [illegible]. Item dormitionis [illegible] hoc eius qui ad dormiendum se [illegible] celeriter a sompno surgere [illegible]. Item virtutes in dormiente [illegible] virtus dispersa in vigilantibus aggregatur et coadunatur in corpore dormientis ut dicit [illegible]. Item dormiens insensibilis ut patet ex iam dictis. Frequenter enim contingit quod aliquis ita fortiter dormit et tam profundus est sompnus quod vix sentit aliquid exterius etiam verberatus. Item in quiete et suavitas. Nam dicendo quia [illegible] quos in dormiendo fuerit [illegible] et [illegible] oblivisci. Item dormiens securitas quia dum dormit et hostes [illegible] non pavescit. Item figure morientis mutabilitas quia exterius ut mortuus et [illegible] [illegible] palidus et nunc rubet foris [illegible] [illegible] et nunc callet foris tota corporis [illegible] quod usque ad se defendit secundum [illegible] virtus tota se recolligit. Item in dormiendo attenditur [illegible]. Sunt enim quidam qui dormiunt palpebris clausis [illegible] et [illegible] omnia [illegible] [illegible] sunt [illegible] quod illa que apertis dormiunt oculis et non [illegible] se dicit [illegible] et pisces sunt [illegible] quod non claudit oculos dormiens et sic dicit [illegible] pisces qui sunt in sompno se moderate quod subito reperit et fugit, quere supra [illegible] de palpebra et oculo. Item sompnio et fantasmata ymaginabilitas [illegible] in dormiendo propter [illegible] [illegible] fantasmatibus multe [illegible] occurrunt fantasie quorum quidem formas et similitudines [illegible] ymaginativa apprehendit secundum [illegible] ymaginibus et fantasiis ad-

[illegible] ymo semper sit cum
[illegible] in sompnijs videtur
[illegible] sicut etiam dormientes sompni-
[illegible] videmus. Nam quod sompnum
est [illegible] et temperatus multas et in-
firmitates confert corpori si moderate sit
et similiter [illegible] et purum ab humore
[illegible]. Nam quod purum est et [illegible]
[illegible] quod vero spiritum
est et desicco [illegible] expulsiva [illegible]
De malo vero sompno et innaturali quere
infra libro 7° capitulo de litargia.

De sompno

Sompnium dormientium est quedam
dispositio que diversarum rerum
formas et similitudines ymaginarie de-
monstrat mentibus dormientium. Fiunt autem
sompnia multis modis ut dicit [illegible] et ma-
crobius de sompno scipionis [illegible]
intelligentia quia [illegible] carna-
lium dispositiones et passiones que oriuntur
a corde per [illegible] amplificationem carnis
ad [illegible] resultant in ipsa mente et
[illegible] mens solet sompniare talium rerum
ymaginationes [illegible] quales solet [illegible]
lando aliquotiens [illegible] Et [illegible]
sompniat [illegible] ut dicit Aug.
[illegible] sompniat [illegible]
[illegible]
et talia sompnia [illegible]
[illegible]
[illegible] yma-
ginatione seu cogitatione [illegible]
super gen. 12°. Sicut caro [illegible] cum
spiritu [illegible] spiritualis dicitur sic spiritus [illegible]
cum [illegible] carnalis et [illegible]
[illegible]
[illegible] in carnalium rerum ymaginibus
[illegible] in sompnijs

rerum et corporum videmus rerum similitudines
non ipsas res, sicut [illegible] rerum quas sompni-
antes videmus [illegible]
[illegible] per similitudinem [illegible]
[illegible] Angelorum itaque rerum formas seu si-
militudines [illegible] dormientes spiritu [illegible]
[illegible] Sompnia alia sunt
alia clara alia tranquilla alia perturbata
[illegible] alia vera sunt alia vana sunt
alia figurata [illegible] significationibus
involuta ut patet in sompnio Pharaonis
[illegible] fuit alia in [illegible]
dormiente [illegible] divina inspiratione alia
per angelicam administrationem ut patet in
Jacob [illegible] in sompnijs virgas
[illegible] sibi [illegible]
[illegible] malorum spirituum illusi-
one ut patet in fantasticis et falsis pro-
phetis [illegible] dicit Aug. ibidem
[illegible] bonus in hac [illegible] spiritus
malus [illegible] aut rapit [illegible] est
[illegible] ymaginibus [illegible] rerum ali-
quas [illegible] utile est [illegible]
[illegible] ymaginibus [illegible] angelus
sathane [illegible] transfigurat in angelum
lucis ut cum [illegible] manifestis bonis [illegible]
[illegible] ad sua. [illegible] sompnia
[illegible] revelationem et alia per de-
monum illusionem [illegible] intel-
lectus [illegible] est [illegible]
Sompnijs itaque non est passim fides adhi-
benda [illegible] spiritus [illegible]
alia [illegible] de figuris [illegible]
[illegible] Sompnia itaque
in differentia [illegible] alia a complexione
[illegible] sompniat [illegible] malen-
[illegible] igneas flam-
[illegible] et aquaticas et atria
[illegible]
[illegible]

ex apertione et assertione, ut famelicus
sompniat de cibo, ebrius sitiens de po-
tu vel econtrario. quando talis qui se sompniat
bibere vel comedere, tanto expergefactus
[illegible] ex [illegible] se reperit. Aliquando ex
vehementi studio et nimia cogitationis
applicatione, ut avarus qui semper somp-
niat [illegible] cum videt quod aperit
[illegible] vel quod ingerat vel [illegible] numerat
argentum suum. Aliquando ex cerebri perturbatione,
ut patet in dispositione ad frenesim vel ma-
niam qui mira sompniat et facta
audita, sunt enim vapores colerici fan-
tasticam inficientes vel sanitatem ipa
sompnia mutant. Aliquando ex sanguinis infec-
tione, qui enim corruptum habent sanguinem
sompniat se ambulare per loca plena
de corruptione fetida et horribili. Aliquando ex
aeris immutatione. aer enim ad immuta-
tionem dispositionem mutat corpus ad eandem
immutationem. Unde fumi tetri dissoluti
novas faciunt in cerebro impressiones
que sunt cause diversorum sompniorum
niorum. Item ex etatis alteratione. pue-
ri enim nichil sompniant. Unde dicit Aristoteles
libro 4. homo inquit inter omnia animalia
precipue sompniat. ait quod aliqui et sic
in antiquo tempore fuerunt viri et mu-
lieres qui non sompniaverunt [illegible]
devenerunt ad senectutem post modicum
accidebat eis mors et infirmitas

De vigilia

Vigilia est quedam animalis [illegible] [illegible]
rum diffunditur, et est spiritus ad
instrumenta sensus et motus [illegible]
Unde vigilia nichil aliud est quam liberi spiritus
per organum sensus et motus diffusio
animate virtutis in corpore pergens actionis.
Differt autem vigilia ab insompnietate
que superfluitas est vigilie proveniens
ex excessu [illegible]
a re [illegible] et [illegible]

caliditas et siccitas [illegible]
in spiritus quod semper [illegible]
et sic [illegible] non [illegible]
malam [illegible]
[illegible] in dispositione ad [illegible]
[illegible] ex [illegible] caliditate [illegible] vapo-
rum malam perturbant [illegible] et [illegible]
per [illegible] sicut accidit in dispositione
ad malancoliam. Item ex [illegible]
huius in medio existente ut patet in [illegible]
[illegible] qui est maxime dolor [illegible]
que spiritualis et utrumque non permittit spiritus
requiescere. quod est etiam in causa male
digestionibus et [illegible] replectionis
[illegible] spiritus animalis et quietem non
permittunt ut patet in [illegible]
quibus [illegible] acutis
pungitivis [illegible] sensibilibus [illegible]
[illegible]
ad mortem vel frenesim disponunt [illegible]
ab aere vel natura ad [illegible]
[illegible] Vigilie autem [illegible]
interioribus, quod calor [illegible]
et ideo calefaciunt et desiccant exterius [illegible]
[illegible] calor [illegible]
[illegible]
et palpebras minus gravat [illegible]
[illegible] debilitat et [illegible]
[illegible]
calor et [illegible]
immoderate [illegible] spiritus
calefaciunt [illegible]
[illegible]
Constantinus. [illegible]
[illegible] laborantibus ut [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

vigilia

et a[illegible] [illegible] vero moveat. Orantibus
vero [illegible] [illegible] vigilantibus non aminuitur.

De [exer]citio

Exercitium ad conservationem sanitatis maxime [necessarium]
est ut dicitur in pantegni. Est autem
exercitium duplex. Aliud siquidem est animale aliud cor-
porale. Animale sicut studium vigilia ira tristitia
solitudo et huiusmodi accidentia anime que immu-
tant corpus. Et cuius fuerint proportio-
nata multum faciunt ad corpus et ad sani-
tatem sicut dicitur in [illegible] de [illegible] animalibus in
[illegible] libro. Exercitium vero corporale
aliud est equale aliud inequale. Equale
exercitium est inter debile et forte magnum
et parvum velox et tardum quod scilicet non su-
peraddat in calefaciendo vel siccando. Inequale quod istam
temperantiam excedit. Et si multum excedit
in sua pluralitate calefacit et desiccat. Si vero
[illegible] ultimo rarefaciet per [illegible] dissolutionem
et [illegible] evaporationem infrigidat et
desiccat. Dicit autem Constantinus quod triplex
est utilitas exercitii. Prima quod calorem naturalem
excitat superflua dissolvit membra in-
durat et eis soliditatem prebet. Preterea
exercitium aliud est universale aliud
particulare. Universale est quod omnia membra
movet ut [illegible] [illegible] [illegible]
[illegible] et huiusmodi. Particulare vero est
[illegible] quedam membra [illegible] et quedam movet
ut [illegible] vel [illegible] [illegible] [illegible] autem
[illegible] exercitia corporis variat. Ex [illegible]
[illegible] [illegible] quedam calefacit et desiccat
ut ars fabrilis. Nam aera formacis [illegible]
[illegible] [illegible] calidus et siccus [illegible] calefacit
et desiccat. Ars vero piscatoria corpus infrigi-
dat et humectat. Exercitium vero particulare
aliud est forte et aliud debile et aliud
mediocre. In exercitatione [illegible] [illegible]
[illegible] [illegible] qualitas quantitas [illegible]
[illegible] quantitas ut sit minus magna vel mi-
nus [illegible] [illegible] qualitatem ut minus
velox vel minus tarda [illegible] mediocris est

utilis et laudanda. [illegible] maxime
valet ad [illegible] ut superfluitas [illegible]
[illegible] et resoluta per exercitium [illegible]
[illegible] superveniens [illegible]. Post ci-
bum vero [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] si fuerit temperatum. Ne-
[illegible] [illegible] vero est bonum [illegible] [illegible] [illegible]
calefactionis membrorum [illegible] [illegible]
[illegible] [illegible] est locus [illegible]
est aquosus qui infrigidat et humectat
ut locus piscatorum. Aliud vero siccus et
nemorosus ut locus venatorum et tales
[illegible] [illegible] calefacit [illegible] laboris
et [illegible] desiccat et sic de aliis.

Cum quidam [illegible] interrogaret ad quid
exercitatio laboris est necessaria. Respondit
Nihil hominibus [illegible] labor. Vite hu-
mane est fida custodia dormiente-
[illegible] stimulus [illegible] caloris [illegible] [illegible]
[illegible] [illegible] [illegible] fuga morbo-
rum [illegible] medicina [illegible] [illegible]
[illegible] [illegible] adolescentie disciplina
[illegible] gaudium salutis adiutorium
[illegible] [illegible] malorum est [illegible] [illegible]
[illegible] [illegible] [illegible] ab exercitio [illegible]
[illegible] et labore qui [illegible] gaudio
[illegible] [illegible] [illegible] [illegible] [illegible] in
sermone Fulgentii contra ociosos ubi
exponit illud verbum [illegible] [illegible] ociosa
non comedat in quo sermone multum
commendat pius laboris exercitium in fine
[illegible] tamen labori [illegible] devotionem
contemplationis ociosum minime fore [illegible]
[illegible] [illegible] [illegible] qui potius [illegible]
[illegible] quomodo [illegible] panem illa ociosa
[illegible] [illegible] plena [illegible] panem
frangit [illegible] frangit [illegible] proximo
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] ad bonum aliud [illegible]

panem frangit [illegible]

De quiete capitulum

Quies est cessatio ab actione et labore, sicut enim necessaria est ad nostram conservationem alteratio sic et quies. Nam quies finis est et consummatio motus et laboris. Unde ex quiete [illegible] est durabile non est. Unde omne quod naturaliter est durabile suo motu tendit ad quietem, sicut [illegible] luna, stelle, ignis, aer et aqua, et omnia alia que in universo sunt mobilia tendunt finaliter ad quietem et desiderant. Quies autem est naturalis inclinationis ad [illegible], et ideo principium est et dispositio congregationis et adunationis in loco suo et partium, et ideo omnia [illegible] ordinata [illegible] ad quietem nobiliora iudicantur, et digniora [illegible] finaliter in quiete, quam ipsa sunt in motu, sed finis dignior est hiis que sunt ad finem. Quies autem prout opponitur [illegible] motus consideratur, quo ad effectum quies [illegible] et ipsum [illegible]. Alia enim est [illegible] et alia spiritualis, quorum utroque [illegible] nec quiescere [illegible] salubris [illegible] et [illegible] et sit [illegible] huius consuetudo [illegible] proprio distinctiva. Item quies alia est nimia, et hec est malorum humorum generativa, nutritiva, multiplicativa, et corruptionis inductiva. Nam quanto minus quiescit [illegible] fit [illegible] et quodlibet metallum [illegible] quanto minus debito visitatur. Alia quies est minus parca, et hec similiter est minus vitiosa, quia natura lassa [illegible] debile [illegible] non reparat [illegible] consumpta non restaurat. Mediocris alia [illegible] hec est laudabilis. Nam calorem naturalem confortat [illegible] sensus [illegible] de [illegible] pure [illegible]. Item quo ad qualitatem quies aut brevis et hec est [illegible] nec sit nimia. Alia non [illegible] et hec laudabilis [illegible] sicut post dicetur.

Explicit liber sextus, incipit septimus in quo agitur de hiis que hominis naturam ledunt, scilicet de causa morbi et ipso morbo, et de accidentibus sequentibus ipsum morbum, et de rebus preter naturam.

Postquam cum auxilio dei tractatum est de proprietatibus que hominem in natura conservant et custodiunt, nunc dicendum est de illis que contra naturam eius accidunt eiusque naturam destruunt et corrumpunt. Contra naturam autem sunt que hominis naturam ledunt, scilicet causa morbi, ipse morbus, et accidens sequens morbum. Causa morbi est id quod precedit mala et innaturalis in corpore dispositio, sicut mala complexio, nimia repletio vel inanitio, virtutis defectio, qualitatis [illegible] et continuitatis dissolutio. Omnia enim ista causa vel occasio sunt morborum [illegible] [illegible] [illegible] ex qua accidit operationis [illegible] nocumentum. Unde est febris [illegible] accidens est [illegible] ad [illegible] introducitur [illegible] passiones sicut

[illegible] ut dolor capitis in apopl[illegible]
[illegible] ut in pleplexionia
[illegible] in mania. Bona
[illegible] dicit similis p[illegible] qua
[illegible] a [illegible]ione tale [illegible]
[illegible] libere de [illegible] pagat ad
[illegible] sub [illegible] tempantia si [illegible]
[illegible] accidit [illegible] et in [illegible]
[illegible] morbi. Nam ex distemperantia et [illegible]
[illegible] qualitate [illegible] accidit morbus [illegible]
similis ut est febris ydropisis et [illegible]
[illegible] mala [illegible] disforme [illegible] accidit
morbus officialis ut in oculo [illegible]
[illegible] in manu [illegible]. Et mala
[illegible] disfor[illegible] [illegible] morbus
[illegible] sicut est [illegible] sive [illegible].
[illegible] morbus [illegible] est [illegible]
[illegible] et alia [illegible]
[illegible] accidit [illegible] est [illegible] nam [illegible]
[illegible] vel [illegible]

¶ De istis [illegible] propri[illegible]
[illegible] et [illegible]
[illegible] aliqua sunt [illegible]
quibus [illegible]
[illegible]
[illegible] ordine [illegible] curand[illegible]

¶ [illegible] passionibus corporis [illegible]
[illegible]
Dolor capitis [illegible] Constantinus est
cephalea [illegible]
ab [illegible] ut ex [illegible] vel ex
[illegible] vel ex frigido
aere [illegible] ab interiori
provenit, vel ex causa [illegible] vel re-
mota. [illegible] aliud [illegible]
[illegible] ex
causa remota ut a stomaco [illegible]
fit dolor. [illegible]
[illegible] vitio [illegible] qualitatis [illegible].
[illegible] vitio humorum [illegible]

[illegible] flat[illegible] [illegible]
pellat [illegible]
est p a [illegible]. [illegible] gal. Et dolor est in
capite nulla [illegible]
[illegible] q[illegible] humoris [illegible]
[illegible]. Et ex sanguine [illegible] sunt in
capite [illegible] in fronte [illegible]
[illegible] est oculi [illegible]
[illegible] Et [illegible]
[illegible] dolor [illegible] lingua
[illegible] maior in dextra
[illegible] dolor [illegible] in sinistra, quia ibi [illegible]
[illegible] est [illegible] est [illegible]
[illegible]. Et [illegible] ex ma-
[illegible] in sinistra [illegible] dolor in
[illegible] vigilie et gra-
[illegible] est [illegible]
dolor, oculi [illegible] splenitudo oris
[illegible]. Et [illegible] ex flat[illegible] seq[illegible]
dolor [illegible] os et naris [illegible]
[illegible] et [illegible] tussis et gran-
[illegible] et querella, facies
palida et [illegible] oculorum [illegible]
[illegible] insipiditas, dolor a parte
posteriori maior est [illegible] est
flat[illegible]. [illegible] Galieno in [illegible] instituto[illegible]
dicit sic. [illegible] caput [illegible] in quat-
[illegible] sanguis [illegible] in fronte, colera
aut in dextra, malia in sinistra, fl[illegible]
[illegible] in [illegible] dicitur. [illegible] et aliis [illegible]
[illegible] accidit dolor capitis, sicut ex ac-
[illegible] cuius [illegible]
[illegible] et grave [illegible]
corporis passione. [illegible] Constant[illegible]
[illegible] caput dolet quedam [illegible]
[illegible] ut dicit Constant[illegible] [illegible]
[illegible] dolor [illegible] Constant[illegible]
[illegible] est [illegible] in capite
[illegible] et [illegible]
[illegible]
[illegible] dolor est ex [illegible]
[illegible] et [illegible] et ideo

fiunt pruritum et tineam. Patitur etiam
caput speciale ex tineis in cute pustulas et
scabiem saniem albam emanantem. Et
eo talis scabies a Constantino vocatur
favus. Habet enim pustulae similitudinem foraminum
in quibus humor egreditur in favis et pro
venit ex humore intus grosso et viscoso usque
ad cutem capitis expulso pruriginem et
[illegible]. Item patitur caput quandam pu
tridam familiarem passionem quam Con
stantinus vocat squamam, nos autem de
cimus tineam, eo quod more [illegible] superioris
capitis corrodit et scindit et quasi inseparabi
liter tenet. Et talis passio pru
ritum in capite creat immoderatum et
quo pruritu post [illegible]
squamae dilabuntur. Haec passio saepe
venit infantibus et habentibus carnem sic
et mollem corporis [illegible] et [illegible]
amplioris. Ut dicit Constantinus
[illegible] et [illegible]
[illegible] alia [illegible]
[illegible]. [illegible] dicit [illegible]
Constantinus quidam est remedium et
aptum [illegible] in [illegible]
[illegible] et sanguis [illegible]
loco doloris calidus imponatur [illegible]
[illegible] sua [illegible]
[illegible] dividit et consumit. Et quia
capillorum radicibus ista squamositas
adhaeret, curari sanari de facili non
possunt, nisi radicitus de capite sub
trahantur. Cum quidem passio si inveterata
fuerit vix sanatur quin semper
post in capite vestigium relinquatur.
Item patitur caput exterius de spoliatione
in ornatu quando capilli capitis de
fluunt vel rarescunt sicut superius
dictum est de capillis [illegible]
[illegible] patitur caput [illegible] capillis [illegible]
[illegible] et [illegible] quam [illegible]

[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
Vel ex [illegible] [illegible]
[illegible] a capite ad [illegible]
[illegible] modificatur [illegible]
[illegible] et medicinis est [illegible]
abstergenda, sicut et pediculi [illegible]
et qui insensibiles [illegible] quibus [illegible]
[illegible] medicaminibus sunt de [illegible]
[illegible] capitis removendi. De medicinis
et remediis pro capite

## A

Aduersus passionibus superdictis se
cundum Constantinum breviter subve
nitur. Quamdiu dolor ex humoris
vitio sicut ex sanguine vel aliquo hu
more [illegible] sanguinis de cepha
lica [illegible] [illegible] et [illegible] medi
cinis [illegible] [illegible]
[illegible] fuerit [illegible] [illegible]
et [illegible] medicina [illegible]
[illegible] [illegible] [illegible] et
[illegible] in aqua tepida [illegible]
ut [illegible] aperiantur et [illegible]
[illegible] evaporent. Si dolor [illegible]
[illegible] in fronte [illegible] et [illegible]
[illegible] et [illegible] Constantinus.
Vel [illegible] et [illegible]
[illegible] et [illegible]
sunt doloris [illegible]
[illegible] [illegible] dolor [illegible]
[illegible] sanguis [illegible]
Et si fuerit [illegible] calidus vel [illegible]
frigidis [illegible] medicinis [illegible]
[illegible] et [illegible] aqua [illegible]
[illegible] [illegible] [illegible]
[illegible] et [illegible]
[illegible]. Si [illegible] fuerit [illegible] et
[illegible] in stomacho [illegible] [illegible]

74

[illegible] dolor [illegible] nomine pa-
[illegible] fondo [illegible]
[illegible] fo [illegible] fondit [illegible]
[illegible] alis et [illegible] dicta [illegible]
[illegible] adhibenda sit sicut [illegible]
[illegible] Si non fuit dolor capitis sine
[illegible] alicuius qualitat-
[illegible] patiens non indiget purgatione
[illegible] potius alteratione. Qualitatibus
[illegible] adhibendis [illegible]
[illegible] fuit dolor ex nimia potu [illegible]
[illegible] repletione sicut accidit [illegible]
crapulatis [illegible] remedium et aquam calidam
bibere in maxima quantitate [illegible]
[illegible] provocare [illegible]
[illegible] revertere ad [illegible] Constantinus [illegible]
et [illegible] sufficiat. De reuma-
te capitis manante

R[illegible] [illegible] reuma
super caput manare et [illegible]
[illegible] Causa [illegible]
[illegible] fluxus reumat-
[illegible]
[illegible] calorus humores capitis dissol-
[illegible]
fluxus [illegible] dicitur catarrus [illegible]
[illegible] multis de causis [illegible]
[illegible]
[illegible]
[illegible]
[illegible] habundantia humorum [illegible]
[illegible] caloris
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] fluxus aut [illegible]
ex humorum [illegible] habundantia talia
[illegible]
repleta [illegible] subtiliter [illegible]
[illegible] superfluitatum oris et narium

habundantia et [illegible] calores
dissolvunt [illegible] Calor est in
facie rubeus et rubor [illegible]
in oculis et fluxus lacrimarum [illegible]
[illegible] et tale [illegible]
[illegible] Calor [illegible] in profundo.
[illegible] constringens [illegible]
Calor [illegible] est paliens lacrime frigide
et calor [illegible] in profundo [illegible]
ex liquiditate [illegible] per mul-
titudinem superfluitatum ab ore et naribus
[illegible] distillatio.
Si [illegible] superfluitas est [illegible] curatur
per [illegible] maxima si ad
[illegible] et fluxus per humores [illegible]
[illegible] frigidus et humidus
[illegible] calida et sicca
[illegible] consumptiva, sic lauda-
[illegible] calafacta et [illegible]
[illegible] aut fuit fluxus ca-
lidus [illegible] curatur per frigidorum fomentatio-
nem et per [illegible] in aqua decoctionis
[illegible] suffumigationem et [illegible] ad
[illegible] applicationem. Attende aut
[illegible] catarrus est in [illegible]
fluxus nullum epithima apponatur nec nul-
lum fomentum adhibeatur quia maior fit
dissolutio ut dicit Constantinus. Nec aquam
debet caput infundere nisi fuerit aqua ro-
sarum vel salicis. Ubi calidus est in causa.
De furore amentia et stupore

D[illegible] nonum [illegible] furor amentia et stupor [illegible] fu-
rore [illegible] quia sic diffinit Co-
stantinus [illegible] est [illegible] in
[illegible] cerebri [illegible] quia [illegible]
[illegible] et alterationes [illegible] a furibus
[illegible] cerebri [illegible]
[illegible] ex [illegible]
[illegible] febribus [illegible]
[illegible] capitis [illegible] per [illegible]

[illegible] retraxabit [illegible] ad apa-
bu sit vera frenesis vel sit de fumo
a [illegible] ad cerebrum ascendente et pertur-
bante et vel passionis non vera.

Quam functionis terribilia [illegible]
s. sitis nimia siccitatis lingue nig-
dine et asperitatis molestationis et
angustia [illegible] [illegible] de fer-
tione spirit [illegible] [illegible] caloris
[illegible] et [illegible]. Et hic calorus
si sanguis [illegible] [illegible] est in
causa. Accidit autem ista passio [illegible]
et [illegible] in tempore [illegible] [illegible] omni
[illegible] operatur / paraphrenesis [illegible] que
generatur ex aliorum [illegible] [illegible]
ut ex apostemate stomachi vel [illegible] [illegible]
istis in statum [illegible] [illegible] [illegible]
et cerebrum. Et paraphrenesis [illegible] [illegible]
[illegible] si apostema sit in [illegible] [illegible] [illegible]
pessima est molestissima et [illegible] periculo-
sissima. Signa vero [illegible] [illegible] sunt [illegible]
[illegible] desipiratio manens febre [illegible]
[illegible] instantia / [illegible] [illegible]
et [illegible] dissoluta / manuum [illegible]
capitis commotio / [illegible] [illegible] et [illegible]
semper [illegible] surgere a lecto modo can-
tant modo ridet / modo plorat et [illegible]
[illegible] [illegible] [illegible] et [illegible]
[illegible] salivit et multum clamat [illegible]
[illegible] periculosissime [illegible] [illegible] [illegible]
[illegible] [illegible] ignorat [illegible] [illegible] [illegible]
[illegible] est ne [illegible] / et hoc [illegible]
in dieta [illegible] in [illegible] / dieta [illegible]
[illegible] esse tenuissima s. [illegible] panis
[illegible] in aqua pluries est bullita [illegible]
[illegible] est ut in [illegible] caput [illegible]
[illegible] et [illegible] tepido [illegible] [illegible]
in loco obscuro [illegible] [illegible] vel [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
in [illegible] si [illegible] [illegible] [illegible]
cephalica minuatur [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
omnia [illegible] et [illegible] [illegible]

Et [illegible] [illegible] [illegible] [illegible] [illegible] et
papaveris [illegible] [illegible] pulmonis [illegible]
[illegible] vel [illegible] caput [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
in [illegible] post [illegible] [illegible] [illegible]
et [illegible] [illegible] non [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] est. Avicenna [illegible]
est quod mania [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]. Et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] est [illegible] [illegible] [illegible]
quia timor [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] est alia [illegible] [illegible]. Et [illegible] [illegible]
passionis [illegible] [illegible] [illegible] [illegible] Aliqui
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
passionibus [illegible] [illegible] [illegible] tristitia
[illegible] studio et timore. Alii [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] Alii [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]. Secundum [illegible] diversas [illegible]
diverse sunt signa [illegible] [illegible] [illegible]

[illegible] et [illegible] inducat per laterbis
latina [illegible] disponere et differentia
[illegible] est [illegible] ubi agit de turba
passione [illegible] cura et medicina est
[illegible] ut propria et aliena as-
[illegible] Tales sunt maxime
curande et a solitudine et timore
sunt [illegible] gaudiis et sustinendi
[illegible] medicorum cu-
rande. Et tandem si purgationes et
electuaria non sufficiunt arte cyrurgica
sunt curande. Ut veritate sive stupo-
re mentis

De [illegible] stupor
alia [illegible] stupore. Et notatur
stupor [illegible] constantinus [illegible]
[illegible] que est [illegible]
[illegible] non
[illegible]
[illegible]
[illegible]
hic stupor [illegible] constantinum fit duobus
modis [illegible] vel accidit ex perturbatione
[illegible]
[illegible]
[illegible]
[illegible] vel ex nimia [illegible]
[illegible] sensibilibus [illegible]
in hys qui [illegible]
in [illegible] totus [illegible] ap-
pellatur [illegible] et in
litargicis [illegible] stupor et [illegible]
[illegible]
[illegible]
[illegible] dicitur stupor
que [illegible] est stupor [illegible]
[illegible]
fuerit est quedam [illegible]
que est [illegible] ad [illegible]
[illegible] et [illegible] ad [illegible]

que est [illegible] in posteriori [illegible]
et dicitur a [illegible]
[illegible]
[illegible] in [illegible] et in [illegible]
provenit [illegible] accidit ex [illegible]
aliqua [illegible]. Nam in [illegible]
[illegible]
[illegible]
et in posteriori [illegible]
[illegible]. Cuius
signa sunt [illegible] urina discolorata
[illegible] falsus sompnus
[illegible] et si [illegible]
[illegible] aliena. Supinus iacet et
si [illegible] propositio [illegible]
[illegible] in [illegible]
notabile [illegible]
[illegible] statuat loqui-
tur et [illegible] sit garrulitas [illegible]
pillos et barbam [illegible]
et [illegible] capillos [illegible] ad [illegible]
[illegible] fumigia
fetida naribus apponantur ut [illegible]
[illegible] super [illegible] ad.
[illegible] et [illegible]
[illegible] et appetitus ut [illegible]
[illegible]
[illegible]. Et [illegible]
[illegible] et tremor cum motu bra-
chy et [illegible] supervenerit mor-
tale est et est notabile [illegible]
fiat litargicus [illegible] est [illegible]
[illegible] litargico [illegible]
[illegible] hec omnia extrasi de plate-
ario et constantino [illegible] duo
[illegible] constan-
tinus [illegible] est [illegible] disno-
si [illegible] sensibilis [illegible]
[illegible] et [illegible]
[illegible] in [illegible] nimia [illegible] habundant.

[illegible] humores moventur in capite [illegible] et cor sunt scd' ad cerebrum ascendunt. Et hec passio sola sit [illegible] cerebro sentit [illegible] in capite [illegible] in audiendo corruptionem [illegible] et talis virtus et similis non [illegible] non est [illegible] dolore [illegible] virtus [illegible] te [illegible] non ascendit [illegible] hec in re medium est medicina [illegible] et [illegible] betonica [illegible] non [illegible] in aqua [illegible] abstineat [illegible] ab [illegible] matutinis cibariis [illegible] provocent quia [illegible]

Vigilia

De vigilia

Vigilia est [illegible] cerebri [illegible] hec passio de [illegible] motu cerebri et siccitas [illegible] nigre ex [illegible] caloris et ex [illegible] nimiis [illegible] vigilie [illegible] mutat calor [illegible] cogitationibus et alterationibus [illegible] irrationabiles suspitiones [illegible] desiccat [illegible] digestia corrumpitur et tota [illegible] et facies [illegible] et [illegible] oris in [illegible] gravium [illegible] nec [illegible] medicinam est [illegible] tempora [illegible] mulieres [illegible] et illorum corpora [illegible]

De morbo caduco epilensia

De morbo caduco epilensia

M[illegible]

Morbus caducus [illegible] auctoribus epilensia [illegible] hic morbus ab antiquis [illegible] dicitur [illegible] cerebrum non [illegible] oppilant [illegible] ab illo humore [illegible] cerebri [illegible] dicitur [illegible] in pasionario [illegible] passio que [illegible] caput dicitur [illegible] caducus [illegible] hec passio [illegible] et morbus caducus ab [illegible] epilensia appoplexia [illegible] appoplexia [illegible] est oppillatio [illegible] Epilensia [illegible] est [illegible] morbus [illegible] et [illegible] appoplexia [illegible] vel [illegible] cerebri vel alicuius membri

[illegible] [illegible] est. Est enim aliquis vapor
a natura [illegible] fumus ascendit
ad cerebrum [illegible] grossitudine [illegible]
[illegible] spiritus [illegible] est vel morbi
caducus vocatur. Hec passio ut dicit
Constantinus [illegible] dicitur demoniata. Unde
Galienus Epilensia [illegible] q crescente luna
[illegible] sui maz [illegible]
Omne enim humidum crescente luna [illegible]
[illegible] q [illegible]
luna frigidissima est [illegible] pars
humida est. Epilensia autem tres sunt species
[illegible] triplicem locorum speciem. Unde fuit epi
lensia que fit in capite ex materia [illegible]
existente in cerebro. Analepsia vero
fit ex materia in stomacho existente non in con
cavitate sed in nervis eius [illegible] et ar
teriis [illegible] stomachi per quas [illegible]
tate materia [illegible] capitis ad cerebrum.

Catalensia fit ex materia [illegible]
tatibus ut in [illegible] vel in [illegible]
propriis quibusdam signis dignoscitur.
Nam catalentici morbi [illegible]
[illegible] quadam
qui formicarum vel [illegible] autem
ex materia superius ascendente et [illegible]
stitutione [illegible] casu
[illegible] et testatur Galienus [illegible]
[illegible] calores febriles ebullitione
materia [illegible] ad
superiora. Analepsia autem ex repletione
stomachi laborat et maxime in [illegible] et [illegible]
[illegible] et abhominatione et hii etiam
casu [illegible]. Epilentia etiam non pre
sentiunt [illegible] capitis gravedine [illegible]
[illegible] autem hec passionum [illegible]
ex sanguine [illegible] ex flate et ex [illegible]
Et cause iste per propria [illegible]
maxime per [illegible]

sive [illegible] per faciem rubram vel pallidam
sive lividam [illegible] per regionem [illegible] pre
dicta. Et [illegible] fuit ex [illegible] differentiam
[illegible] maxime et [illegible]
ex sanguine vel ex flate in [illegible] maxime
[illegible] hec passionis [illegible]
adherentie et [illegible] difficile est
[illegible] medicina et dieta oportet
enim ut a nocivis [illegible] abstineat
et a [illegible] frequentia hominum
qui talibus [illegible] solet [illegible] accessio [illegible]
occupare. Bonis [illegible] et locubus
[illegible] et temperate plus [illegible] magis
[illegible] vel [illegible] vesper [illegible]
[illegible] temperate bibant. Sed [illegible]
medicina purgent [illegible] humores pec
cantes [illegible]. Experimentum platearii
[illegible] epilensia. Tres sanguinis guttas
dicit esse per [illegible] stapulas ex
trahendas et in ovo [illegible]
accessionis [illegible] offerendas. Dicit et
[illegible] multum [illegible]. [illegible] dicit
[illegible] multum [illegible]. Item
confirmat Galienus et Constantinus
et Dyascorides etiam dicit [illegible]
[illegible] bibitum iuvare epilenticos [illegible]
[illegible] qui [illegible]
[illegible] appellatur cerebrum. Dicit etiam [illegible]
[illegible] assatum confert [illegible]
[illegible]. [illegible] dicitur epilentus dicitur
[illegible] multa alia dicit
Constantinus experimenta [illegible] de quibus
nihil ad presens. Capitulum de sternutatione

Capitulum de
sternutatione

Iob xl°. Sternutatio eius [illegible] Ster
nutatio ut dicit Constantinus est
[illegible] ad expellendas
fumositates [illegible]
[illegible] causis nascitur [illegible] ipsa

na opat' in fumos superfluos stringit
et cerebro expellet qui vel iam sunt
morbi vel causa future infirmitatis humanum
enim cerebrum humidum existens aliorum
et illius huius et humores ibi adunat qui
cooperiunt natura vel sternutationibus ex-
pellunt. Aliquando etiam fit sternutatio in
morbis potius quam ut expellatur sicut in
coriza accidit et in prephrenesi. Aliquando
vel fit in sternutatione sicut qui in
naribus habent narium excitationem vel
ictu ad narem contra aliquando confusione
veniunt, sicut pulvis aer fugatus
calor solis et huiusmodi. Que vero ad cerebrum
veniunt expelluntur a cerebro vigore
et motu suo, et inde fit sternutatio.
Que si fit in acutis febribus sine reu-
mate signum est laudabile sicut virtutis
confortationis in expellendo ad hoc movendi.
Si non fiat cum reumate malum signum
est significat enim ut exuberantia vel
similiter in fumositatem est sternutatio et augu-
mentum reumatis et ideo in ipse
cum siccitatibus malum signum est et illaudabile.
Sternutatio igitur cerebrum commovet et
exonerat totius capitis concutit et al-
leviat in suo exitu ex violenta commo-
tione aeris in canalibus narium strepitum
facit. Que si plus debito post
expulsionem fumi superflui provocatur
ledit, quia nimis dissolvit et aliquas
passiones excitat et inducit. Restringatur
ergo per medicinas et suffumigationes
constringentes spiritus reparantes et sim-
plicitatos confortantes, sicut est camomilla
nux castanea rosa, viola, nigella et simi[lia].

## Capitulum [illegible] de tremore capitis

Posuit dominus significationes in capite tremo-
rem in causis singulis strabonis
sequitur statim quando tremoris vero tremor
capitis et agitatio [illegible]
[illegible] tremor
autem capitis qui et [illegible]
dicitur provenit ex defectu [illegible]
virtutis regitive et nervis spondilium
colli et in lacertis in brachiis hoc autem
in cerebro duo sunt motus qui sunt sibi oppositi.
Unus enim movet sursum, alter deorsum
sursum natura operatur in inferiora autem in
motibus enim virtute cerebrum destituitur infe-
rius, sed natura que ipsum a suo regimine
non destituit nititur ipsum erigere et ponit
in ipsa parte et ita sursum elevatur.
Et ideo ex tali motu proprietates sive
tremor cum autem in corporibus est debilitas
virtutis commovent, luxatos ut dicitur con-
stitutis quietus ipsum, dicitur motus natu-
ralis, vel accidentalis sicut ex timore
per spiritus confluentes ad cor. Unde cerebrum
sua ponderositate tendit inferius, virtutem
non sufficientes spiritus ad vitales [illegible]
confluentes non [illegible] per cerebrum
in sua consistentia detinere et significati tre-
mor. Causa autem tremor est paralisis
materia si accidit fit dormitatio sequens
qui in eo tremor. Causa eius est fri-
giditas in nervos coagulata et constipans ne-
rvos sensibilis licet virtus penetrare non possit.
Omnis autem paralisis cum tremore levis est
ad curandum quia signum est sive tremor
quia ipse non est cerebrum adeo destitutum
a natura, sicut est destitutum penitus a stupido.
Tales igitur tremor vel cum dormitatione
calefacientes et dissolventes et confortantes
curabitur medicinis, sicut est theodoricon
yeralogodion et alia huiusmodi et balneationes
fricationes et cum salibus et aptitudinibus su-
bis et suffumigationibus ut ponitur clausi
appareat et humores superflui consumantur
ut spiritus reviviscentes ut vim confortent.

Capitulum de spasmo

L[illegible] aquilonata erat [illegible] et [illegible] pertinens est violenta involuntaria [con]tractio [illegible] voluntarium [illegible] vel retardans. Talis contractio provenit aliquando ex nimia repletione, aliquando ex nimia exsiccatione, sicut est videre in labiis et naribus exsiccatur in tantum quod vix verba formant. Vix etiam digitos complicant aut extendunt. Contractio vero ex tali repletione exsiccatione solvitur in calore vel et alia non indiget medicina. Caveant tamen patientes ne nimio frigido calor sit apponatur quod ex subita impressione frigidi ad nervorum extremitates dolorem non modicum patitur. Contractationis vero causata ex inanitione haec sunt signa: precedit enim aliquando fluxus immoderatus sanguinis vel ventris vel vomitus. Aliquando labor vel abstinentia supra vires laborantis vel abstinentis. Aliquando immoderatus calor in corporis per acutas febres accidit. Aliquando pruriditas et dolor vulneris acumine et fortitudo assumpta medicaminis. In his omnibus accidit spasmus ex nimia indissipatione et [illegible] humoris consumptione, unde corrugantur nervi et contrahuntur sicut pergamenum [illegible] in igne; et ideo virtus spiritualis per nervos intercipitur et virtus dicta regitiva moritur. Omnis tamen spasmus si diu duraverit mortalis est. Unde dicitur in amphorismo: spasmus ex elleboro mortale est. In spasmo in principio constri[illegible] mulieres [illegible] super musculos [illegible] supra spinam et collum radices nervorum [illegible]. Ad idem valet aqua cum oleo si fiat cum lana fomenta super loca nervorum [illegible]. In [illegible] spasmus [illegible] repletione solet accidere

[illegible] carnosis et [illegible] infusione nervorum et dilatatione [illegible] solvitur quia [illegible] balneis, stuphis et gargarismis [illegible] constituere [illegible] si febris supervenit [illegible] medicum [illegible] dicit in amphorismo: spasmo et tetano febris superveniens solvit [illegible]. Secundo alio spasmus [illegible] est [illegible] anteriores [illegible] et tetanus [illegible] anteriores et posteriores [illegible] patiuntur [illegible] non est perfecta cura que accidit ex inanitione.

Capitulum de paralesi

de palesi

Paralesis est lesio partis humani corporis cum diminutione vel privatione sensus vel motus vel utriusque.

Fit autem quandoque ex frigidis constringentibus, fit quandoque ex humore oppilante [illegible]. Aliquando ex humore [illegible] et nervos sensibiles [illegible]. Aliquando ex vulnere nervos incidente vel [illegible].

Ex istis enim causis et aliis [illegible] transit spiritus animalis ad instrumenta sensus atque motus. Unde si non insensibiles et immobiles ex toto fiunt oppillati vel incisi, efficitur pars immobilis et insensibilis. Si non, non plena fuerit oppillatio vel transitus spiritus [illegible] fit ibi ex maiori [illegible] et virtute regitiva [illegible] tremor sicut supra dictum est. [illegible] fieri [illegible] paralesis ex superfluitate ciborum et maxime potuum ex quibus nimia fit humorum [illegible] et [illegible] nervorum [illegible] oppilatio. Fit etiam ex frigidis nervos constringentibus. Quandoque est sinthoma alterius morbi sicut [illegible] apoplexia in paralesi

paralisi terminatur // Est autem paralisis alia universalis alia particularis. Universalis que mediam partem corporis [illegible] inferiorem. Particularis est que omnem partem unam [illegible] vel linguam.

Tercium [illegible] opilationis mediante paralisim [illegible] est in origine membrorum quam in ipso membro paralitico. Si in origine nervorum sit causa stupor et insensibilitas et [illegible] dicta in facie vel in [illegible]. Si vero in ipso dorso membro paralitico [illegible] ipsius fiat punctura et non stupor. Unde dicit Galienus quod dicit [illegible] amorisse [illegible] qui [illegible] qui dicitur super manum et posuisse super collum. Ex quo patet quod [illegible] lonor [illegible] mortificatur [illegible] variari modus medicine. Paralisis ex viscositate [illegible] [illegible] incurabilis est. Sive paralisis universalis est in omnibus et maxime in senibus [illegible] curatur. // Curabilis iuvenes in [illegible] [illegible] medicina operatur [illegible] primo [illegible] si molitivus tam interius quam exterius exhibetur [illegible] insistendum est [illegible] [illegible] tivus et [illegible]. Si enim primo [illegible] exterius ponantur [illegible] partibus [illegible] magis [illegible] et sic [illegible] dissolutionem et consumptionem [illegible] redditur. Et [illegible] [illegible] vero [illegible] provenit [illegible] medicinis [illegible] purgativis et [illegible] et [illegible] membra [illegible] salvia et castoreo in [illegible] tione utantur. Alias medicinas [illegible] in plateario et in [illegible] constantini.

## De dolore occulorum capitulum

Solet dolor aliquando [illegible] [illegible] ab exterioribus [illegible] [illegible] dolor [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vel altera lucida claritate [illegible] a nimia tenebrositate [illegible] [illegible] Ab inordinata dieta et [illegible] [illegible] a [illegible] voluptate [illegible] et humorum [illegible] [illegible] et dissolvunt. Aliquando ab interioribus ut ab humoribus calidis vel frigidis siccis et humidis. Primus dolor et [illegible] ab [illegible] est calidus apud [illegible] sup albuginem [illegible] ex humoribus [illegible] ad pupillam et [illegible]. Et hec accidit [illegible] debilitati [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] apud oculos [illegible] et [illegible] dolor et punctura [illegible] et arsura [illegible] potissime [illegible] est in [illegible] [illegible] [illegible] [illegible] frigidus [illegible] vel [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et illi [illegible] [illegible] [illegible] [illegible]. Si vero [illegible] in causa [illegible] multitudo lacrimarum et [illegible] [illegible] maior [illegible] et dolorem [illegible] maior [illegible] in [illegible] // Hec infirmitas si curatur ab [illegible] [illegible] alto dormiat [illegible] lacrimarum [illegible] [illegible] fugiat. [illegible] disgregationem et dissolutionem [illegible] [illegible] [illegible] [illegible] [illegible] dissolutio fortior fiat. // [illegible]

[illegible] et lenis digestiuus re
[illegible] [illegible] cetera et
calida [illegible] et ualde sunt fumi frigidi
[illegible] [illegible] [illegible] refrigerant
[illegible] mitigant balneis aque dulcis
et temperate utatur. his obseruatis non
oportet medicari aliter. Si uero sit dolor
ab infrigidis humoribus purgentur humores
[illegible] per congruam medicinam purgatiuam
colericam mitigantia et sanatiua superius
ponantur sicut aqua rosarum et lacte frigido
ut dicit constantinus. Lachrime cum
constrictiuis [illegible] Apponatur rego
[illegible] in principio repressiua et mitigatiua
in statu et augmento medicorum dis
solutiua et in fine consumptiua et [illegible]
confortatiua. ¶ Cetera apud uero [illegible] quod
est [illegible] destruatur [illegible] ad [illegible] re
[illegible] si materia est multa
calida et dolor fortis non sunt apponenda
fortia repressiua quia materia illa cito posset
repelli ad neruum et oppilationes possent
[illegible] [illegible] [illegible] Capitulum
de lippitudine oculorum

Lippitudo est oculorum uiscosa et glu
tinosa superfluitas oculorum pal
pebris adherens ex flatu et aliis
humoribus in angulis oculorum incipiens
palpebras [illegible] et [illegible] [illegible]
oculorum [illegible] corrumpit et ipsas palpebras
que carnosas et nudas fiunt. [illegible] quor
[illegible] pupille [illegible] sane fuerint sicut d
[illegible] super xxi° leuitici [illegible] [illegible] defflu
entis palpebre [illegible] [illegible] [illegible] in
[illegible] etiam pupille [illegible] [illegible]
et illos signat quorum ingenium ad [illegible]
[illegible] [illegible]. [illegible] operatio carnal
[illegible] obstruat

Ut macula oculorum

Alia est passio oculorum quam nos
maculam dicimus quia albus [illegible]
panus dicitur a constantino et [illegible]
[illegible] primo fit fluxus rheumatis ad
oculos ex quo fit [illegible] dolor [illegible]
[illegible] ex qua male [illegible] [illegible] [illegible]
[illegible] macula fuit in tertio [illegible] [illegible]
cessu [illegible] recessit in tela quod [illegible]
et occupat maculam [illegible] [illegible] pupillam
[illegible] uero crescit in panus per maiorem
inspissationem et maiorem [illegible] occupationem
totum oculum magnum occupat. ad ultimum
fit magna [illegible] et spissa dura et
quodlibet [illegible] incurabile est si fuit
[illegible] [illegible] coloratione [illegible]
[illegible]. Si enim colligatur [illegible]
humorum [illegible] in profundo per
dimidium annum fit incurabilis in principio
[illegible] [illegible] curatur. Si autem colligatur sub
[illegible] uel etiam [illegible] per x annos [illegible]
[illegible]. Cum igitur macula recens est
et mediocris succus papaueris rufi suffi
[illegible] ut dicit constantinus papaueris
[illegible] rufum uel rubeum calidum in primo gradu
[illegible] in 2° et [illegible] [illegible] extenuatiuam
[illegible] et [illegible]. Dicitur etiam [illegible]
et constantinus. Si sanguis de summitate [illegible]
[illegible] [illegible] uel [illegible] [illegible] [illegible]
fuit extractus et super maculam [illegible]
calidus instillatur maculam in principio
potens [illegible]. Sanguis enim [illegible]
est [illegible] [illegible] et dissolutiuus [illegible]
[illegible] [illegible] [illegible].

Ut macula oculorum

Alia etiam accidit oculis deformitas
et passio [illegible] sanguinis infectio quia co
[illegible] [illegible] sanguinis [illegible]
[illegible] sanguis aliquo [illegible] ad oculos
defluens in [illegible] [illegible]. Cognita

ctam ab arteriis et venis descendere ad oculos sunt vene aliquas rupti vel aperire in tunica coniunctiva et restringere (?) talem deformitatem in oculo generare. Item cause sunt coagulati sanguinis [illegible] vel aliqui ut de costis [illegible] fecit tant lac mulieris cum [illegible] sunt ciminum (?) [illegible] sale [illegible] si super ponatur et multa alia [illegible] dolorem consumit. De fluxu lachrimarum qui accidit oculis

**A**liquis lachrimarum involuntarie accidit oculis quae ab exterioribus fiunt ex prussione (?), ex calidi [illegible] solutionem et scarificationem (?), ex fumi mordicatione, ex pulveris perturbatione, ex specierum aliarum acuitate et odoratione. Aliquando ab interioribus ex calidis humoribus vel frigidis vel superabundantia humorum per continuitatem effluentium, ex debilitate virtutis continentis vel retentivae [illegible]. Si autem humores calidi fuerint in ea oculi rubent lachrimae distillantes [illegible] calefaciunt et urunt. Calida obsunt, frigida prosunt. Si vero sunt humores frigidi oculi sunt albidi vel lividi, lachrimae sunt frigidae [illegible] mordicativae, frigida obsunt et calida prosunt.

**C**ontra lachrimarum fluxum ex prussione et aliis causis exterioribus [illegible] est [illegible] cum pulvere [illegible] calefactio et frequenter [illegible] dolorem cum simul removet et lachrimam et humorem. Si sit cum [illegible] cum [illegible] sanetur ad alias causas [illegible] sufficit fomentum cum aqua tepida, ita quod vapor ad [illegible] plus accidat. Si autem fiat ex fluxu et superabundantia humorum [illegible] ut [illegible] cum vini decoctione [illegible] et hoc proprium est in [illegible]. Fiant restrictoria [illegible] et [illegible]

hec omnia valent [illegible]

De defectu visus [illegible]

**D**efectus visus [illegible] oculis vel triplici de causa. Aliquando ex [illegible] [illegible] lationem, ex cataracta [illegible] [illegible] [illegible]. Aliquando ex diuturna inordinatione, ex longa aegritudine, ex ieiunio, ex [illegible] et ex multis aliis causis [illegible]. Distinguitur [illegible] per propria signa. Nam si defectus accidit ex [illegible] [illegible] defectus visus non est continuus [illegible] [illegible] varietatum minuitur vel augetur. Si autem est [illegible] [illegible] continuus est defectus ante prandium et post. Si ex oppilatione [illegible] oculi [illegible] pura est et liquida atque clara. Alia signa [illegible]

**C**ontra defectum [illegible] est ex [illegible] humoris stomachi [illegible] primo totum corpus et proprie caput [illegible] cordialia. [illegible] et in aliis auctoribus inveniuntur.

De caecitate [illegible]

**C**aecitas est privatio visus [illegible] autem [illegible] visu. Aliquando propter organorum defectum et pupillam [illegible] proportionem ad spiritum [illegible]

**C**ontra hoc [illegible] [illegible] visus [illegible] debita proportio organi spiritum [illegible] ut supra dictum est de visu [illegible].

Aliquando propter [illegible] oppilationem. Si [illegible] nervus qui dicitur opticus qui est [illegible] [illegible] [illegible] vel medio vel alicuius [illegible] sive [illegible] vel alicuius [illegible] humiditas superabundantia totaliter oppillat nervum [illegible] pervenit ad pupillam sic caecitas in oculo [illegible]. Aliquando fit propter humorum [illegible]

[illegible] sensibus quorum oculi primo
sub[illegible] [illegible] visus ratione. Tam
tum distinguit virtus videndi, penitus
destruitur [illegible] sit corrupta exterius
sicut per dolorem, vulnerationem, per nimia
continuam lacrimarum effusionem, prop-
ter oculi dissolutionem per timorem partis in
compressionem induracionem et humorum oculo
oppilationem, tunc cum pupilla non est spiritus
visibilis pervia. Et ideo talis opilatio est a
tenebris in oculo inductiva per subitam humoris
subitam desiccationem in pupilla ut accon-
dit in aliquibus passionibus et minus quam
ex nimia sanguinis effusione sed ad istorum
quam contrarium periculum continetur. Alii
propter subitam congelationem spiritus visus spiritus
visibilis deformationem ut patet in visu quando
ad asperitatem ventus sublevatur et subito
reverat. Cuius contrariorum causa est
contrarius motus accidentis et humoris. Cum
igitur virtutis timoris oculus in persistencio
humore destruit et confundit et videt virtu-
tis quia spiritus visibilis est incorporeus ad ipsum
dissipandum et dispergendum et sic nemo continetur
prius timorem introducit. Sed oculus itaque
sensibilis passionis instabilior est
ipsa veritas ut dicit Constantinus. Nam
sicut oculi vocato toto constringitur et dispar-
tes in aspectum ymaginaria super
albo ymaginat que sit nigra et ideo im-
pedit in judicaris verum deliberata, ve-
ad occultas et disparatus in suo judicio vadit
ad contrarium, pervertit ad effectiva
que oblato ad eligendum denario nigro
tunc est rapiens. Tantum sed generatur
visus ut non solum puro vel suo ob-
servat pro ymaginem. Unde etiam ipse con-
sper ad totum debilitatur in uno ut ad

transformandum pontis vel lucis prolem
plus augitur tamen vocant si sensibilis ipsi
sensus semper in periculis. Ubi quod dubium
ubi non videtur periculum non sed est securus
ut est suspicionis. Ubi nullus periculum
imminet, magis sensus timet. Quare
in plano consistens perhibet et offenditur
sed semper ubi visus sit illuminatus visum
deficit ut est. Ubi enim totum fingendum
ipsum elevat et suspendit undique pal-
pando et manibus undique dirigit un-
de quando emine dubius manu et bacu-
lo viam querit. Raro aliquid securius agit
semper sub dubiis et timoribus vivit. Sed
certus qui videt vel scit totum se re-
putat semper etiam quando videtur ab omnibus
se latere putat. Item factum oculos
ad solem vel ad lucem reverberat, sed ipsi
oculos claritas non immutat ipsi enim oculo
sol, per se exhibet suum radium, sed tamen
propter solis virtutem non percipit vel offendit
ut dicit Aristoteles. Item certus aliqui particulariter
ducti sunt verberant perveniunt et offendunt
radium verbera per parietem, toto lumine. Nam
puer verberatur non tamen minor in potentia mo-
do sicut in quoque alio periculo solus
deficit. Unde ipsius fugiens sibi bravi-
um adhibe periculum non vident. Et ideo miserabile
est certus qui fiduciale in domo nihil
agere audet. Sed iterum dicit et scio
multum timet. Sed hoc sed prior est
quod inhibitum oculos quam ceteros. Quare ipsi
oculi hostes sunt et scilicet dolores humanam
animam, quorum concupiscentias duo signa
servissimus hostibus submittunt, sicut dicit
expositor super illud tenore.
Oculus meus depredatur est animam meam
agilius dicit est hic oculus certus, servus
sed qui hic est corpus blanditiis decipi vel

abducit ut dicit gg. super illud evang. aurium est ubi lisfeus ad intra ... dicit ... [illegible]
Ut sequitur.

Surditas est privatio sive corruptio auditus. [illegible] constant ... [illegible] est. Contingit autem aliis audientibus ... aufferre et tunc surditas dicitur. Et hoc fit ex humoribus oppilantibus meatus audibiles et buccas aurium replentibus in tantum quod nulla potest fieri allisio. Cum ergo non aufferunt ... hec diminuitur ... et dicitur gravitas auditus scilicet quando est tinnitus vel sonitus ita quod putat pati ... sicut molendinum sive iuxta coquina aut decursus aquarum. Et hoc fit ex grossa ventositate et tunc est ex ... , Cum ... fit ... et tunc est ex ... . Cum ergo nihil exterius audit propter oppilationem, sed auditus ab interioribus ... ita quod ... audit ab exterioribus hoc quod sentit ab interioribus et sic hoc fallit auditum ... modo aliis auditus ... Accidit etiam aurium dolor. Aliis fuit apostema et hoc ex calore dissolvente vel ex frigiditate constringente. Si sit ex calore dolor est acutus locus rubet calida obsunt. Si sit ex frigiditate dolor est ponderosus et gravativus locus pallet frigida obsunt calida prosunt. Aliis est ex apostemate calido et tunc ad ... est ... febris. Cum rumpitur apostema aurium febris quietatur sed remissio et minor dolor et calor est in ... calida. Aliis relinquitur in aure ulcus ex apostemate productum quod cognoscitur ex dolore titillatione et ... Aliis fiunt vermes in auribus ex humoribus calidis

in ... ... et ... ... Signa autem ... et titillatio et aliis ... ... exponat. Aliis fit dolor ... ex ... sicut ex aqua vel lapillo subintrantibus. Aliis ex passione ... signum est ... Aliis fit exitus sanguinis ex superhabundantia ... ut dicit Constantinus. Et subito sanguis et sine dolore ab auribus exeat non manifesta causa ... ad esse in capite quod ... laborat. Oportet ergo ut aures a principio mundificentur. Alias autem aurium passiones ... dicit auditum et ... aures ... multa ... Dolor ... aurium si est ex calore et sine apostemate ... et alterativis ... est. ... dicit locus doloris ... vel ... et ... talia ... aures ... et ... dicit aures instillari. ... sine ... sicut ... calidis alterativis ad ... est sicut ... laurino ... et ...

Et non fuerit cum calido apostemate ... maturativis ... instruenda est ... mundificativis ... quia causa ... medicina. Rupto ergo apostemate quod cognoscitur ex fluxu ... mundificandum est ... consolidandum ... mundificatur autem cum ... et cum ... mel ... et intromissum consolidatur ... et ... et ... Et si ... sunt ... amara sicut ... et ... alia ... amara ... ex amigdalis amaris aures patientis instillari. Talibus enim vermes occiduntur et putrefactum ... Et aut lapillus intraverit ...

[illegible] non possit aures [illegible]
[illegible] sternutatio provenit
et [illegible] sugget et exhalat. ¶ Ad
[illegible] removendum vel saltem
[illegible] vallent multa que dicit Con-
stantinus / et sicut oleum solet balsamum
auribus instillatum prodesse / Surditas
in se sicut a nativitate incurabilis et
similiter que per triennium duraverit vix
curatur. ¶ Si autem per crudositatem qua causatur
[illegible] matricis ventositate
curatur / sicut in aceto calamento ori-
gano et huiusmodi consimilibus quorum suffumi-
gatione tinnitus solvitur et sanatur / Et hec
de passionibus aurium remedia dicta sufficiant.

Capitulum de polipo que caro superflua dicitur

Polipus est superflua caro in naribus
[illegible] superfluis humoribus
generata. hac passione fetor horribilis
semper generatur / et tamen fetor a polipo
non sentitur propter oppilationem / [illegible] odo-
rabiles tales nec odores et fetores diffe-
rentias non discernit / Fit autem fetor
fetor narium quod polipus in hunc modum
humores grossi et discrasi fluunt ad ca-
runculas narium / et ibidem per diuturni-
tatem temporis et actione caloris sic [illegible]
et qui in substantiam carnea [illegible] / quod si
sit corrupta vel fumositas resoluta
et aeri [illegible] inspirata fetorem facit
et talis infirmitas polipus dicitur / quia
et ad nares descendit [illegible] / et ea [illegible]
bit spongiosa narium pro-
[illegible] putrefacientes corruptionem generat
lorum ulcerant et excoriant similiter tamen ex
corruptione humoris quod ex

inspirationis cum non possit [illegible] dispu-
tari / nec fetor [illegible] generat [illegible]
igitur remedium contra hanc passionem
est ut caput fortiter [illegible] medi-
cina purgetur / et post fluxus [illegible]
atur / deinde patiens aqua [illegible] naribus
attrahat atque sugat ut humores [illegible]
dissolvant et educant. Ad expurgandum
vallet pille [illegible] cum succo [illegible]
et vino tepido resolute si naribus fuerint
[illegible] / Ad restringendum fluxum mira-
biliter vallent [illegible] albi [illegible] si
sepius assumantur. ¶ Si vero fuerit polipus
confirmatus [illegible] purgationibus et
opiatis [illegible] et medicinis corrosivis
amoveat ut per passionem sicut in cirurgia
plenius dicitur.

De passionibus narium

Patiuntur autem nares sepius per fluxum
sanguinis / et hoc fit in masculis [illegible]
de causis / fit enim fluxus a cerebro / et tunc
fit cum sternutatione et cum dolore [illegible]
vel ab epate / et tunc dolor sentitur in dextro
latere et fluit per narem dextram / vel a splene
et tunc sentitur in sinistro latere et fluit
per partem sinistram. preter hoc et mulieribus
fit a matrice / et tunc est dolor circa um-
bilicum / et hic fluxus quandoque est utilis quando-
que [illegible] febribus et acutis et [illegible] iudi-
solet fieri motu nature / et tunc solet
bonus esse / Nam bonus est quando ante
diem [illegible] fit / ex nimia sanguinis
[illegible] ebullitione et fervore. [illegible]
[illegible] appetit et fluxum facit
[illegible] et mulieres aliquibus de causis fluit sanguis
[illegible] autem fuerit fluxus [illegible]
[illegible] non [illegible] restringatur fluxus
ne [illegible] impediat / vel non sanguis ad alias

[illegible] que caro superflua dicitur

de passionibus narium

fluat partes et potius flebothomia fiat ar-
ve saphene et huius. Si aut nimis
augetur fluxus si patiens est fortis esse
et per patientem minuendus et mutatio [illegible]
[illegible] si forti constringens anthimo-
[illegible] fiunt temporibus et fronti adhi-
beat et aqua cum aceto in faciem proicien-
da. Si ab epate fiat fluxus ponatur ven-
tosa super eius regionem si a splene super
splenem ponatur si a matrice super matricem ut
mamillas

De fetore oris

fetor oris

Fetor oris quandoque causatur ex dentium et
gingivarum corruptione, quandoque ex oris
et palati ulceratione et pustullatione,
quandoque ex stomachi mala complexione et membrorum
spiritualium vitiosa dispositione, quandoque ex humorum
stomachi putrefactione, quandoque ex vitio totius cor-
poris infectione, ut in leprosis, quorum anhelitus
est fetidus et infectus, quandoque ex fetidorum
comestione, ut patet in illis qui comedunt
allium, cepe atque porros, quandoque et fit ex
corruptione membrorum spiritualium et ulcerum
corruptione humorum inferiorum palatum [illegible]
per se non curari. Talis autem fetor est ge-
neris interpolationis hoc tempore similiter
autem qui est ex vitio stomachi interpolatus est quia
ante prandium maior post prandium vero
parvus vel nullus, et hic bene curatur
cum externis aromaticis et confortati-
vis. Primo igitur materia in stomacho que fetoris est
causa digeratur, dividatur et expellatur.
Et post comestionem vomitus fiat [illegible]
et ut stomachus mundificetur a putridis
cibariis et putrefactis. Deinde curatur
vino aromatico et aromaticis ad confor-
tationem stomachi utatur. Si vero causatur fetor
ab aliis ut a gingivis et dentibus pustulis

de comestione cepe porrorum aliorum

dentes [illegible] qui [illegible] [illegible]
gnerunt et [illegible] mundi-
ficentur cum decoctione [illegible]
aceto tepido abluantur cum pulvere [illegible]
mastice et mellis et radices dentium
mundificentur

De dolore dentium

de dolore dentium

Dolor dentium quandoque fit ex vitio membri,
quandoque ex vitio stomachi. Ex vitio membri
fit quando humores frigidi vel calidi reumatiza-
tes nervos dentium inficiunt et dolorem
inferunt. Vitio et stomachi fit ex humoribus malis
in ipso existentibus, a quibus fumositates
resolute superiora petunt nervos dentium
et radices mordicant vel aggravant do-
lorem inferunt dentibus [illegible]. Si ex calido
[illegible] est humoribus dolor est acutus
et pungitivus cum rubore faciei [illegible]
[illegible] et [illegible] [illegible] et [illegible]
[illegible] oris. Si ex frigido dolor est minor
cum gravitate capitis et tumiditate
et calore cum [illegible] [illegible]
oris insipiditate. Dolor autem dentium
durat sicut aliqua interpolatio
vel [illegible] horis vel plus. Cum vero
provenit ex stomacho [illegible] vel tribus affligit
horis et post quiescit. Causa ergo do-
loris dentium ut dicit Constantinus sunt
putredines fetoris et [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] qui [illegible] [illegible] in dolore
[illegible] [illegible] vel [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
radices etiam causa est relaxationis et
motus dentium [illegible] [illegible] [illegible]
[illegible] radicibus dentium dentes [illegible]
[illegible] [illegible] [illegible] [illegible]
causa [illegible] [illegible] in radicibus [illegible]

[illegible] pus [illegible] [illegible] et [illegible]
[illegible] ex humoribus in corpore
[illegible] putrefactis et apostematibus
ex [illegible] distillatione et quia turba-
tione et [illegible] ac [illegible]
sione et multis aliis morbis de quibus
[illegible] in tractatu de dentibus

## Capitulum de lingua

Lingua est membrum particulare in quo
particularis est et tunc per voluntarium
motum et sermonis [illegible] ut dicit Con-
stantinus [illegible] est [illegible] motus [illegible]
que ex scitur per spiritus [illegible] a cerebro
et accidit ex nervo [illegible] ha-
[illegible] humore vel [illegible] oppilatione [illegible]
accidit ex proposito [illegible] lingue [illegible]
mala complexione lingue et distemperantia
in frigido vel calido [illegible] humore
Aliquando lingua est [illegible] et tunc [illegible]
unde sermo impeditur. Aliquando ex humore [illegible]
liquido relaxatur et [illegible]
que [illegible] mollis efficitur et tunc debilis
sermo [illegible] lingua non
formatur. Aliquando ex humore [illegible]
sicco [illegible] et [illegible] et tunc totaliter
sermo impeditur. Aliquando ex humore liquido rela-
xatur [illegible] lingue et
[illegible] mollis efficitur et tunc debilis sermo
[illegible] lingua [illegible] non formatur.
Aliquando [illegible] ulceribus et pustulis [illegible]
et tunc [illegible] in [illegible] loquendo
impeditur. Si vero [illegible] sit sana nullam
habens maculam loquella tamen sit ablata
a cerebro [illegible] vel [illegible] oppilato.
Aliquando perditur loquella ex [illegible]
[illegible] ymaginatio
memoria [illegible]
perdit loquellam [illegible]

[illegible] de lingua sana et infirma.

## Capitulum de raucedine vocis

Raucedo vocis [illegible] est [illegible]
que ex frigiditate et humiditate vel spiritus et
virtutis debilitate. Siccitas [illegible]
aut [illegible] inequaliter [illegible]
[illegible] / [illegible]
ex siccitate asperatur arteria, ex asperitate
sequitur inequalitas et ex inequalitate
raucedo et vocis impedimentum. Item ex
siccitate fistularum et pulmonis [illegible]
sequitur [illegible] ex humiditate fit duo-
bus modis, vel ex humiditate [illegible] in vasis
et [illegible] in sanguine aut ex flatu a
superioribus distillante. Sanguis enim sup-
habundans venas distendit, unde [illegible]
[illegible] vocis impedimentum.
Si [illegible] distillans in trachea arteria
et fistulas pulmonis [illegible]
et spiritus et virtutis impeditur vox quod patet
ex hoc quod [illegible] fortitudo spiritus [illegible]
[illegible]. Si vero ex siccitate cognoscitur
ex sicca tussi que [illegible] spiritus
in trachea arteria vel per compassionem
[illegible] sinthoma [illegible] vel per compas-
sionem [illegible] ex siccitate [illegible] ut
[illegible] fistulas pulmonis coartantur
et spiritus offenduntur unde generatur tussis
vel ex humiditate a cerebro descendente vel di-
stillante. Istis vero modis [illegible] tussis
que impedit [illegible] vocis vel cognoscitur
raucedo ex [illegible] in spiritualibus [illegible]
[illegible] ex [illegible]
[illegible] Sanguineus [illegible]
in causa cognoscitur ex tussi [illegible] humiditate
rubore faciei [illegible]
[illegible] dulcedine oris. Flegma vero in causa
cognoscitur ex tussi [illegible] humiditate

et oris [illegible] et [illegible] habundans [illegible] spiritus [illegible] et [illegible] et [illegible] et [illegible] totius [illegible] vel ex [illegible] flauo et [illegible] [illegible] Et [illegible] est a [illegible] et [illegible] et [illegible] et [illegible] et [illegible] et [illegible] et sanguinis et passio [illegible] Et ex flate [illegible] et [illegible] [illegible] Et [illegible] spiritus [illegible] et [illegible] Eadem [illegible] et tussis [illegible] et Constantino [illegible] [illegible] suffocatio gutturis dicitur.

Squinantia est [illegible] et [illegible] ex [illegible] Cuius tres sunt species. In prima tota materia colligitur intrinsecus in quodam folliculo inter tracheam arteriam et ysofagum et cognoscitur ex vehementi dolore nullo tumore exterius apparente aperto et ore tumore intrinsecus non apparente ex febre acutissima et impedimento vocis et ex siti patientis. Nihil enim potest transglutire et hec species incurabilis est nisi fiat [illegible] Prima dicitur [illegible] 2ª species est quando in minori quantitate colligitur intra et in maiori foris et hec dicitur squinantia. Cuius signa sunt vehemens tumor exterius febris lenta dolor mediocris sunt difficultate inspirandi et respirandi. Et hec species [illegible] nisi tumor ad interiora se retraxerit. Fit autem hec passio [illegible] et [illegible] ex flate [illegible] [illegible] et cognoscitur [illegible] passionis [illegible] est [illegible]

in [illegible] [illegible] et fiat [illegible] et respirandi [illegible] [illegible] maturativa et [illegible] [illegible] [illegible] de gutture

Capitulum de asmate

Difficultas respirandi et suspirandi vel utriusque dicitur asma vel tisma et accidit duplici de causa. Primo ex siccitate constante qua pulmo nequit dilatari et constringi et tunc dicitur asma vel quando ex humore impeditur motus pulmonis. Cum enim superhabundat humor exterius in superficie pulmonis [illegible] [illegible] non potest libere dillatari et [illegible] est species asmatis que dicitur suspirium a [illegible] dicitur quia in [illegible] [illegible] [illegible] ad [illegible] Alias habundat humor intrinsecus in fistulis pulmonis [illegible] pulmo non potest libere [illegible] et tunc dicitur [illegible] [illegible] laborat patiens in expirando. Alias habundat extrinsecus et [illegible] [illegible] pulmo libere dillatari nec [illegible] et est alia species que dicitur [illegible] [illegible] [illegible] patiens [illegible] laborat inspirando et ita sunt tres species asmatis. [illegible] [illegible] Et est ex [illegible] et [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]

Capitulum de sputo sanguinis

Circa sputum tria accidunt passionis ut patet in [illegible] [illegible] est et [illegible] [illegible] [illegible] sanguinolentum [illegible] [illegible] dicitur passio qua patiens [illegible] hec [illegible] [illegible] et [illegible] et [illegible] et in aliis [illegible] pectoris vel pulmonis

[illegible] du[m] [illegible] a sapiorib[us] [illegible] pulmonis pulmo aperitur [illegible] et ex gradatio[n]e [illegible] renis ueste uel pulmo ulcerat[ur] uel [illegible] ad aliquem locum ap[er]ta e[st] [illegible] et ibi in sanie mutatur. Qu[an]do u[er]o uel [illegible] dissoluit[ur] [illegible] sanies spuu[m] [illegible] et ille [illegible] phlegmonosa [illegible] sanie [illegible] multi alii q[ui] [illegible] [illegible] ille q[ui] infectio[n]e pulmonis et eius saniosa [illegible] corrupti quor[um] signa s[un]t ista sputu[m] saniosu[m] [illegible] tussis et [illegible] difficultate [illegible] [illegible] et dolet [illegible] [illegible] sanguis [illegible] quod [illegible] p[er] [illegible] multitudine[m] et [illegible] [illegible] calore [illegible] calore [illegible] [illegible] et exsudat et [illegible] [illegible] in [illegible] [illegible] dolor [illegible] ad os [illegible] [illegible] et [illegible] pulmonis et [illegible] et [illegible] spumosus [illegible] tussis et dolor [illegible] [illegible] sanguinis [illegible] uel [illegible] [illegible] [illegible] purgat [illegible] passio [illegible] sputu[m] saniosu[m] [illegible] [illegible] et [illegible] tussis [illegible] [illegible] [illegible] dicit [illegible] [illegible] et [illegible] [illegible] [illegible] et [illegible] platearius

## Capitulum de ptisi

Ptisis est [illegible] ... ex ulcere pulmonis [illegible] [illegible] a capite distillat[ur] [illegible] q[ue] [illegible] [illegible] ulcerat[ur] [illegible] [illegible] distillando [illegible] [illegible] [illegible] q[ue] [illegible] facile [illegible] [illegible] [illegible] [illegible] [illegible] aliq[uam] [illegible] ex sang[uine] du[m] alig[ua] [illegible] rupta in pulmone sang[uis] [illegible] talis [illegible] qu[i]escit et tu[n]c sa[n]i[es] [illegible] et ulcerat pulmone[m] [illegible] [illegible] in sanie [illegible] et flux[us] [illegible] ex ulceratio[n]e pulmonis sic [illegible] [illegible] [illegible] [illegible] dillatat[ur] [illegible] aerem qu[i] [illegible] [illegible] cordi ad [illegible] caloris mitigatione[m] qui du[m] ulcerat[ur] p[ro]pt[er] [illegible] prop[ter] [illegible] [illegible] motu[m] [illegible] [illegible] debitu[m] dillatat[ur] [illegible] insufficie[n]t[er] cordi aere[m] administrat p[ro]pt[er] qu[od] paulati[m] calor [illegible] et sic [illegible] paulati[m] [illegible] febris [illegible] [illegible] [illegible] [illegible] et [illegible]. [illegible] ptisicus [illegible] [illegible] [illegible] talis [illegible] passio [illegible] facile curat[ur] ex q[u]o [illegible] [illegible] assignat constantinus [illegible] [illegible] nullus difficile sanat[ur] nisi [illegible] ulcus [illegible] pulmonis [illegible] sanari nisi [illegible] tussis [illegible] [illegible] [illegible] [illegible] dillatat[ur] [illegible] [illegible] [illegible] [illegible] [illegible] du[m] [illegible] [illegible] [illegible] purgat [illegible] [illegible] [illegible] du[m] ita [illegible] [illegible] [illegible] ptisi[m] uult sanare [illegible] ulcus [illegible] [illegible] [illegible] [illegible] signa calor [illegible] [illegible] [illegible] rubor in maxillis [illegible]

flatu sicut in aspiratione longum colle-
[illegible] totius corporis consumptione longum
et [illegible] consumptione gravitas dor-
si [illegible] dolor sinistre spatule usque
ad humerum et fluxus capillorum et hor-
[illegible] in primo sumitur
sicut spatula [illegible] et [illegible]
sic dulcis consumptione fugit totaliter substantia pulmonis
corrupta [illegible] est nisi [illegible] dieta
que refrigerat et solidat et restau-
rat. dicitur [illegible] calor is
febrilis mitigatur [illegible] et [illegible]
[illegible] spiritus [illegible]
solvatur. quod si fiat accidit mors subita
et vita recedit ut dicit Ypocras [illegible]
[illegible] humiditas et [illegible] restau-

Capitulum de cardiaca passione.

Tremor sive cardiaca est passio
cordis sic dicta quasi afferens cordis
[illegible] duplex autem est cardiaca scilicet
diaforetica id est porrorum apertiva quia por-
rorum apertione generatur. Alia dicitur tremor
quia cum quodam tremore sentitur motus cordis.
Diaforetica est ex ea calida et caloris
distemperantia circa spiritualia unde et porri
aperiuntur humores et fumi dissolvuntur
cum fumi exeunt per porros in sudorem
convertuntur et ex tali frequenti sudore corpo-
[illegible] generatur unde calor ex de-
fectu virtutis spiritus sincopizat.
Cardiaca [illegible] tremoris fit quandoque ex frigida
quandoque ex malancolia quandoque ex flatica. Nam vel
humor habundans in pulmone
[illegible] aliquotiens utraque cordis cap-
sula et spiritus cordis [illegible] et [illegible]
[illegible] motus cordis et opturantur
vene per quas discurrerent spiritus vitales
et tales precipitantur in sincopim pro
[illegible] tales tremores.

quod si tremor [illegible]
[illegible] dillatatur [illegible]
[illegible] et cedit [illegible]
febricitat alii non [illegible]
[illegible] Alii sicut febre. Alia malitia est
causa quod tales incidunt in passionem [illegible]
[illegible] vel [illegible] Alii accidit ex vi-
tio epatis [illegible] sustinere
nutrimentum cordis unde deficit et debilitatur
ut dicit Constantinus. Accidit etiam [illegible]
mala dispositione aliorum membrorum ex [illegible]
colligantia cum partibus sicut [illegible]
[illegible]
[illegible] deficit vel gravatur
[illegible] accidit tremor cordis [illegible]
[illegible]
[illegible] cordis [illegible] fit [illegible]
Accidit [illegible]
[illegible]
[illegible] laborant [illegible]
[illegible] dillatare.
Accidit et tremor ex [illegible]
[illegible] et spiritum perturbant. Accidit et [illegible]
[illegible] deficit calor naturalis et [illegible]
[illegible] generat. De sincopi quod
vulgo spasmatio vocatur.

Ex defectu et cordis et debilitate
spiritus accidit sincopis quod a vulgo
spasmatio vocatur et hoc contingit aliquando
ex accidentibus [illegible] ut ex timore [illegible]
[illegible] Alii ex nimio gaudio
[illegible] dillatatur et spiritus [illegible]
[illegible] et solvuntur. Alii accidit
ex accidentibus [illegible] sicut ex mala com-
plexione vel ex nimia [illegible]
ex venarum oppilatione ex spiritus nimia
consumptione. Alii ex nimio sudore. Et habe-
[illegible] sincopi [illegible] mortem [illegible]

de cardiaca passione

de sincopi quod vulgo spasmatio vocatur

[illegible] ... et ex liquidis sicut humoribus et ex solidis corporibus ex [illegible] membris ... Est [illegible] ... febris que ex distemperantia [illegible] calore et dicitur effimera. [illegible] humoribus et dicitur putrida / et 3a que accidit in solidis membris et dicitur ethica. [illegible] Constantinus [illegible] Galienus has febres [illegible] ... Effimera huius febris [illegible] ... quo [illegible] ... calefacit spiritus calefaciens [illegible] et totum corpus / putrida [illegible] febris aqua [illegible] aqua [illegible] ... ipsum ex calore suo calefacere / Similiter humores calefacit [illegible] et alia membra. Ethica autem febris / [illegible] aqua [illegible] est comparabilis / aqua [illegible] frigida [illegible] calefacit fit et febris [illegible] ... in membris calefacit [illegible] et [illegible] humores [illegible] dissipat et [illegible]

De febre effimera capitulum

Effimera autem febris dicitur a Galieno ab [illegible] quod est [illegible] quia fit ex distemperantia que fit in subtili [illegible] ut in spiritu vel ut dicit [illegible] in libro febrium. Effimera ab effimero [illegible] marino dicitur, qui in eadem die qua nascitur moritur, vel [illegible] magistros dicitur [illegible] dicitur [illegible] ... raro enim [illegible] ... [illegible] dicitur [illegible] et extendit [illegible] enim post [illegible] ... vel in febrem putridam vel ethicam [illegible] ut dicit [illegible] et Constantinus. Accidit autem ista febris a causa interiori et [illegible] ab exteriori; ab exteriori autem fit dupliciter [illegible] a [illegible] et calore a frigore ut a [illegible] ... corporis

Capitulum de febribus

Febris [illegible] ex distemperantia [illegible] ... [illegible]

[illegible]

De febribus

a febre effimera capitulum

exterius sicut tale intrinsecus congelantur et
sic congelatur et intus clauditur calor ... 
ex quo accidit distemperantia generatur. Aliquando accidit
ex calore et distemperantia aeris sicut solis qui
ex radiorum repercussione spiritus animales distemperat.
Et causa interior effimera accidit quando calor
solutus vel humor ex complexione humoris aliquo modo
commovetur sicut ex nimia ... potus et ...
quo nimio usu calor aliquibus membris incenditur unde
febris effimera generatur. Hec autem febris inter
alias est levior si debiliter sanatur multum
tamen periculosa et gravis sicut in putrida et
ethicam convertitur. Accidit tamen specialiter ex glandulis
apostematibus in inguine nascentibus et sub
assillis quia quandoque a medicis bubones nominantur
unde sunt etiam in amphorismis dicitur in bubonibus
quidem omnes febres
[illegible] excepta effimera sunt ...

Signa autem istius sunt hec. Urina non multum
distans a sana et alterata in sana tempora
et alteratum similes pulsus diversi et ...
lor atque frequens non multum a temperamento
recedentes; reliquie autem virtutis et conti-
nue voluntarie motus parum remittuntur. Hec
febris de facili curatur ... contraria dicta
... patiens et ... a medicis curatur.

De febre que ethica dicitur.

Febre que ethica dicitur

Ethica febris quia ledit solida membra
dicitur ab ethis, quod est habitudo quia fe-
bris que ... in habitudine. Aliquando autem est ethica
febris et morbus per se, aliquando est propter alium mor-
bum ... sit morbus, aliquando ex calidis ... 
nimis calidis et potibus, aliquando propter nimiam ...
tiam sicut propter studium ... 
gelias et consilia quibus calefit spiritus animalis
et per consequens vitalis et ita calefit et ...
humiditas radicalis et inde dicitur ethica. Aliquando autem
causatur ex alio morbo sicut ex effimera
ex putrida ... vel acuta et est
propter calorem ... Respicit ... attingit ...
... recedit ... dierum ... nobis ...

qualitate et ... in ... 
... obscuritas ... et ...
et ... illa effimera in ... 
... autem accidit ex effimera ... 
... iustitia ... studio ... 
... et ... ... / ... febris ...
... quia calor ... calefaciat membra
et desiccat propter acutam ... calefaciat ...
et per ... calorem ... 
... sicut ... est ... 
... consumptio ... 
... desiccat ex calore ...
... humiditate ... 
... ex ... alteratione sicut
accidit in ... solida ...
ex ... corruptione et putrefactione
ad malas qualitates sicut ... 
... sicut contingit
in humanis corporibus quia ... 
ablato propter ... in ... 
et in ... sicut accidit in
... propter calorem ... 
... desiccatio ... 
... quod solet accidere in ... 
... vel ex accidentalibus ...
... membra radicalia
mutat ... et ... 
sicut accidit propter ... 
febris ... Ethica ... 
ista signa sunt ... febris calore ...
... in qualibet ... secundum signum est
quod calor ... est ... 
... febris ... 
tertium signum est quod ... calor ... est et ...
... quartum est quod ... corpora
sunt ... 
... humiditas ab eis
ablata est ... signa ...
... febris ... 
... diversis qualitatibus ...
... est

[illegible] p̄cipue [illegible] subtracta
[illegible] membro[rum] [illegible]
[illegible] attendit̄ hec hu[mi]d[itas] et sic febris
[illegible] et sic tenuis, [illegible] facilis generare
[illegible] et [illegible] / [illegible] hu[mi]d[itas] est q[ue] in
[illegible] membro[rum] [illegible] est sicut
[illegible] et [illegible] auctoribus appellat[ur]
et cu[m] sup[er] attendit fit p[ri]ma sp[eci]es ethice
[illegible] hu[mi]d[itas] est que q[ue]sita est actio[n]e membro[rum]
[illegible] p[ar]te [illegible] et [illegible] ipso[rum] membro[rum]
[illegible] loco [illegible] Vn[de] et ab auctoribus
[illegible] [illegible] et [illegible] hu[mi]d[itas] [illegible]
[illegible] et [illegible] o[mn]ia membra et est
[illegible] hu[mi]d[itas] et hec dicit[ur] gluti[nosa]
[illegible] que cu[m] [illegible] [illegible]
Et hec [illegible] sp[eci]es q[ue] est incurabil[is]
[illegible] [illegible] posset hec hu[mi]d[itas] reparari [illegible]
[illegible] [illegible] [illegible] ad
[illegible] ut dicit [illegible] p[ri]ma [illegible]
sp[eci]es [illegible] febris est fa-
cilis ad curandu[m] et [illegible] ad cognoscen-
d[um] si calor [illegible] ut [illegible]
hu[mi]d[itas] [illegible] fit 2a sp[eci]es
et hec est facilior ad cognoscendum et
difficilior ad curandu[m] Cu[m] [illegible]
attendit calor q[ui] [illegible] hu[mi]d[itas] [illegible]
[illegible] membra fit 3a sp[eci]es q[ue] est facilis
ad cognoscendu[m] [illegible] impossibilis ad cu-
randu[m] [illegible] p[ri]ma [illegible] sp[eci]es [illegible]
[illegible] calor [illegible]
[illegible] 2a [illegible] post [illegible]
plus [illegible] maxi[m]e [illegible]
assignat [illegible] febrem [illegible] hu[mi]d[itas]
[illegible] [illegible] illa
occupat et toto [illegible] et in p[ri]ma
sp[eci]e [illegible] est [illegible]
[illegible] calor [illegible] ad [illegible]
[illegible] calor [illegible] calor [illegible]

[illegible] [illegible] [illegible] et
[illegible] ad [illegible]
sicut [illegible] aqua [illegible] sup[er] [illegible]
[illegible] [illegible] sp[eci]es [illegible]
[illegible] [illegible]
[illegible] [illegible] et
[illegible] Nam [illegible] [illegible] et
[illegible] [illegible] quia
[illegible] [illegible] [illegible]
et [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible]
Vn[de] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] mora
semp[er] attendit calore maiore [illegible]
[illegible] [illegible] et [illegible]
[illegible] et [illegible] [illegible]
dit [illegible] [illegible] hu[mi]d[itas] / pulsus
debilis [illegible] et durus [illegible] est
[illegible] [illegible] [illegible] [illegible]
[illegible] sicut dicit[ur] hec infirmitas quo
ad p[ri]ma sp[eci]es cito curat[ur] ne cadat
in 2am que difficulter curari pot[est] / Cu-
rat[ur] aut[em] p[er] dietam in[illegible] reparat[ivam]
et p[er] medicinas calores [illegible]
[illegible] et hu[mi]d[itas] [illegible] restaurativas
Et ad hoc p[ro]p[ri]e v[alet] [illegible]
[illegible] balneu[m] [illegible] [illegible]
[illegible] et [illegible] confortativis
[illegible] balneu[m] [illegible] no[n] [illegible]
est ni[mi]s calidu[m] [illegible] tepidu[m] ne ni-
[illegible] hu[mi]d[itas] [illegible] [illegible] et [illegible]
fiat in balneo longa mora / [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] sicut [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] plato[nis]
[illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible]

et manifesto patientibus febricitat.

De febre putrida

Febris putrida ex putridis humoribus ex quibus gignitur putrida est nominata [illegible] quia ista putredo fit humoribus malis humoribus et superfluis in aliqua parte coadunatis ex calore extraneo et innaturali quorumque calor superveniunt quoniam fit humorum perturbatio moveatur enim humores per illum calorem et ebulliendo, cum non digeruntur nec fiat divisio inter partes laudabiles et non laudabiles nondum fuerint in corpore facta ebullitione que [illegible] et ideo minime partes corrumpunt. ¶ Cum igitur materia grossa et viscosa in corpore coadunata moveatur a calore nimio est ut resolvatur in vaporem. qui vapor est humidum grossum manens in se [illegible]. Et ideo febres exaltans et extraneus per grossitiem nec sibi resistentem corrumpitur et putrescit. Huius autem putrefactionis materia est disposita complexio humida calida et humida scilicet qui excessus est in humiditate et calore complexio. ¶ Complexio autem sicca et frigida non sit ad putredinem est parata. Et ideo graciles raro febres putridas patiuntur quia siccitas corporis desiccat humores et coadunat et divisioni eorum ac dilatationi obviat et repugnat quia sunt dispositi minime ad putrefactionem. Secundo etiam complet calorem frequenti ebullitione. palam igitur est intelligere quod in dispositionibus putredinis sunt humidi dispositi et calidi humores et ebullit omnis factus in humoribus quorum fervor dicit ysaac non dividuntur nec [illegible] minime [illegible] et ideo ad putredinem minime disponuntur. Huius autem putrefactionis corporis materia corrupta corporis non potest fieri

super fluitas clausa et [illegible] quia constricti poris non potest fieri [illegible] resolutio nec evaporatio [illegible] est quod maior fiat corporis humidi putredo quod motio et corruptio per [illegible] talis calor sit [illegible] et non sit nec [illegible] sed potius corruptivus. Et huius autem causa putrefactionis corporis etiam quando putrescere ut mortificatio dicitur [illegible] [illegible] et similia quod omnia interiora corruptionis vel putredinem corporis [illegible] [illegible] vel [illegible] corporis [illegible] exhibent. ¶ [illegible] in aliqua parte corporis sit putrefacta [illegible] fumus calidus et corruptus [illegible] penetrans ipsum distemperat atque [illegible] per venas et arterias se diffundens febrem putridam toto corpori introducit sicut dicit ysaac. [illegible] [illegible] sic putrefacta quod putrida febris est [illegible] in aliqua [illegible] sicut in [illegible] vel in [illegible] vel in aliis et [illegible] est febris quae dicitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] est [illegible] febris quae est [illegible].

Causa [illegible] [illegible] putredinalis [illegible] corruptio humoris et [illegible] corporis [illegible] in [illegible] et [illegible] sic [illegible] et [illegible] febrium putridarum et [illegible] sive sint continue sive interpolate sive sint discontinue. De significatione febrium putridalium

Tractatu autem febrium putridalium quedam sunt signa generalia [illegible] est quod [illegible] talis febris [illegible] [illegible] [illegible] supervenit [illegible] [illegible] calefit et putrefit in [illegible], [illegible] est significatio quod [illegible] febris producit rigor vel frigus [illegible] si materia sunt [illegible], et [illegible]

[illegible] sicut [illegible] qz ex ma fca et
[illegible] et [illegible] humor [illegible]
[illegible] fumo [illegible]
[illegible] intpollatione [illegible]
[illegible] vel dimanit [illegible] quibus
in primo [illegible] qz tal febris ma [illegible]
[illegible] et grossitudine fu.
de putrida [illegible] qd fit ordinac caloris
[illegible] ad interiora [illegible] na si [illegible]
ab illo fumo. Et hoc tpus dicitur [illegible] de
[illegible] ne in subtilitate et grossitudine qz
si ma fuit subtilis et [illegible] cu [illegible]
[illegible] dissolutus et dispgit per [illegible] et
[illegible] ad [illegible] sicut [illegible]. Si vo
ma fuit grossa et [illegible] debilis [illegible]
[illegible] signum [illegible] est in statu febris qz fuit [illegible]
[illegible] spmatica [illegible] pu
[illegible] dolor capitis [illegible] hanc
[illegible] sic et [illegible] vo [illegible]
[illegible] quando febris [illegible]
adhuc [illegible] male qualitates [illegible] quas
remanet [illegible] et [illegible]
[illegible] et [illegible] qz non re
manent in [illegible] et [illegible]
febres [illegible] Non gesit [illegible]
[illegible] debilit [illegible] in
[illegible] et multe alie figure
[illegible] in febrib [illegible] notant

**Ca^m de febribus interpolatis**

De febribus dicit interpolatis [illegible]
[illegible] ex [illegible] ut puta
[illegible] et [illegible] nali [illegible]
cottidiana [illegible] tertiana et
[illegible] cottidiana [illegible]
[illegible] ut cottidiana [illegible]
[illegible]
[illegible] febris [illegible]
[illegible]
[illegible] capite [illegible]
[illegible] grauitas [illegible] calo

[illegible] accessu renouat
[illegible] prius est [illegible] in febris
[illegible]
[illegible]
quartana [illegible]

**De tertiana febre ca^m**

Tertiana febris fit ex colera putrefacta
extra vasa [illegible] alterna [illegible] fit
[illegible] tertiana alia ex cola nali alia ex i
nali, ut ex cola citrina vel vitellina. Tertiana
ex cola nali fit [illegible] signa [illegible] in [illegible] die
affligit et potissime circa horam tertiam
p^o rigore [illegible] aureus [illegible]
[illegible] vrina rubea subtilis et tenuis
[illegible] horas [illegible] post hec in labore
et [illegible] Signa vo varia
[illegible] variant [illegible]. Na si ma fuit
in [illegible] dolor frontis est maior, [illegible]
[illegible] gutturis et oris, ad sit vo
[illegible] vrina est minus colorata
Si aut fuit in [illegible] predicta signa
[illegible] dolor est circa [illegible]
[illegible] et vrina est magis [illegible]. Si
vo fuit in epate vel in [illegible] colora
[illegible] vrina cu spuma [illegible]. Si aut
fuit febris [illegible] citrina vel vitellina
variant [illegible] qz affligit [illegible]
[illegible] calore, [illegible] hora [illegible] et
[illegible] vrina est [illegible]
[illegible] tenuis plus [illegible] ad [illegible]
[illegible] qz [illegible] anticipat
[illegible] corrupat, Adsunt et predicta signa s.
dolor frontis [illegible] et [illegible]

Hec febris sicut et quartana alia est simplex
alia composita, Simplex est q fit ex vna
ma in vno [illegible] loco putrefacta, composita vo
[illegible] q fit ex diuersis [illegible] in diuersis
locis putrefact, sicut cottidiana fit duplex
[illegible] diuersis [illegible] composit
[illegible] tertiana [illegible] du
affligit p^o rigore [illegible] calore [illegible]

grauius et in diuersis horis breuia [illegible]
[illegible] et in sbi sbcubra uel rusti [illegible]
[illegible] obubrari. Causa itaque [illegible]
tertiane [illegible] dicta [illegible]
[illegible] qualitatum
[illegible] subsistit [illegible]
[illegible] et digesta [illegible] purgat
[illegible] alia medicina [illegible]
Et fiat [illegible] nondum
digesta [illegible]. [illegible] digesta [illegible]
[illegible] non [illegible] materia
non cognoscit [illegible] accessionis [illegible]
[illegible] rigoris uel frigoris et per caloris
augmentationem [illegible]
[illegible] et per breuia [illegible]
[illegible] apparet talia signa digestionis
purgetur materia ipsius febris [illegible]
[illegible] sumpta [illegible]
et cautella, ut ubi fuit materia simplex simplex
sit medicina, et ubi materia duplex uel composita
composita et sit ipsa medicina.

quartana Capitulum de quartana febre

Quartana fit ex materia putrefacta
que nasa et non collecta ad [illegible]
Fit autem ista febris [illegible] naturali
[illegible] sunt signa [illegible]
[illegible] calor [illegible]
24 horas in [illegible] labor et [illegible]
[illegible]. In horis [illegible] affligit [illegible]
nona [illegible] et [illegible] grauat [illegible]
pora accessionis breuia post accessionem [illegible]
[illegible] uel [illegible] in diebus [illegible]
[illegible] palida uel subpalida et [illegible]
[illegible] materia fuit in [illegible]
[illegible] in stomacho et [illegible]
[illegible] et [illegible]
[illegible] tumor [illegible]
passionibus [illegible]
[illegible]
[illegible]

[illegible]
dolet [illegible] accidit febris [illegible]
[illegible] tumor. [illegible]
[illegible] grauis et ponderosa [illegible]
[illegible] ad fundum [illegible]
[illegible] desiderium generat. Aliter [illegible]
quartane [illegible] accidunt in admixtione [illegible]
[illegible] et in illis [illegible]
[illegible] signa [illegible]
[illegible]
[illegible]
Contraria [illegible] et propria [illegible]
a [illegible] digesta que spissa [illegible]
et aperta, et [illegible] digestio et [illegible]
[illegible] simplex [illegible]
et [illegible] materia digesta purgetur [illegible]
medicina [illegible] et [illegible]
[illegible] balneis et suffumigationibus
Caueat a [illegible] et [illegible]
[illegible] et [illegible]
[illegible]
sicut est [illegible] galien
[illegible]

cottidiana febre

De cottidiana febre

Albrey [illegible] putrefacta
[illegible]
[illegible] febris [illegible]
[illegible] est [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] tertiana [illegible]
[illegible]

maior [illegible] putrefiat fit febris
[illegible] maior pars cole putre-
[illegible] continuis / pro varietate
[illegible] et signa. In morbi
itaque sunt signa febris continua et dolor
frontis et tempora [illegible] vehementis
oris dulcedo urina rubra et spissa et quo-
dammodo lucida [illegible] signa in morbo
inflatio [illegible] urine [illegible]
dolor [illegible] cum urina [illegible]
rubor facie et totius corporis [illegible]
in [illegible] et aliis apparet urina rubicunda
[illegible] et tenuis quadam [illegible] obduc-
ta et dolor frontis et tempora [illegible] quod arte-
ria tempora videntur clavis [illegible]. Color
in [illegible] mixtus cum [illegible]
[illegible] instantia lingue [illegible] et
[illegible] ventris / Si permanserit
colera in qualitate [illegible] ar-
ridit fluxus ventris coleri. Eadem signa
apparent in [illegible] et [illegible]
[illegible] discernitur per [illegible] urina. In
[illegible] febribus continuis [illegible]
[illegible] sanguinis extractio ex utroque brachio vi-
[illegible] et [illegible]. Dieta [illegible]
[illegible] et [illegible] sicut [illegible]
[illegible] cordialia [illegible]
[illegible] et alterativa [illegible]
[illegible] Contra [illegible]
[illegible] dolorem frontis et [illegible]
et [illegible] refrigerantem [illegible] sudore [illegible] flu-
xu sanguinis per nares vel aliunde salubriter
terminantur. De flegmate capitulum

de flate ca^d febre cottidid. De febre cottidiana

A[l]iquando est quod putrefit in [illegible]
et facit cottidianam. Cuius signa calor
continuus [illegible] maior [illegible]
[illegible] capitis gravedo oris [illegible] urina
[illegible] colorata et spissa / horas habet xviii in

summo labore et [illegible]. Alia est malancolia
putrefacta [illegible] facit quartanam
continuam cuius signa sunt calor continuus
[illegible] maior semper. Et fit [illegible]
[illegible] gravedo capitis calor [illegible]
[illegible] et iste due febres [illegible]
[illegible] urina. [illegible] putrefit flegma
[illegible] et colera [illegible] febris [illegible] quartana
[illegible] minor continuus cuius signa [illegible]
[illegible] in [illegible]
[illegible] fuerit [illegible] ad signa
[illegible] capitis [illegible] oppresso [illegible] semper
[illegible] xviii horas habet in summo labore
et [illegible] in non [illegible] summo [illegible] non summum
summum est summo cottidiane continue scilicet quando putre-
fit flegma [illegible] et colera [illegible] et [illegible]
[illegible] continuus. / Cuius signa sunt
calor continuus / [illegible] gravedo [illegible]
et fit cum rigore [illegible] et cum dolore capitis
Et habet xxx et [illegible] horas habet in summo labore /
xii [illegible]. Urina rubea [illegible]
tenuis et spissa et lucida / Alia putrefit
malancolia [illegible] et colera [illegible] et fit maior
continuus / in quo est calor maior et omnia
sinthomata priora quam in prioribus / Urina
alia est viridis / alia nigra / alia livida
[illegible] q omnia signa sunt morti-
ficationis / xl^ta horas habet in summo
labore et xii in non summo / Istarum febrium
[illegible] et [illegible] vix potest me-
dicus [illegible] ut [illegible] in [illegible]
[illegible] morborum morbos
non semper sunt certe pronuntiationes [illegible]
sanitatis [illegible] mortis / ut dicit Galienus
quod in talibus morbis alii profitentur medi-
[illegible] velocitatem mortis [illegible]
morbi et [illegible] defectum [illegible]
patientis [illegible] ignorat. Et ideo hic fuit
de hiis febribus [illegible] que [illegible] hec
[illegible] ab [illegible] Constantino ab [illegible]

Et ab Alexandro [illegible] tradita [illegible] et [illegible] Gal. [illegible] non latent [illegible] [illegible] curat [illegible] [illegible] [illegible] maior [illegible] [illegible] manu et [illegible] Gal.

Cap.m de orripilatione

Orripilatio est [illegible] pilis [illegible] [illegible] febrili [illegible] [illegible] accessione febrilis [illegible] et [illegible] [illegible] ex suo [illegible] [illegible] flama vel malencolica [illegible] [illegible] [illegible] membra corporis diffundunt [illegible] et [illegible] [illegible] et sua [illegible] [illegible] [illegible] radices pillorum [illegible] poros claudit et ipsos pillos [illegible] et rigidos [illegible] fecit. Unde orripilatio [illegible] ysydorum [illegible] dicitur pillorum [illegible] [illegible] horror [illegible] timoris capilli capitis [illegible] elevantur [illegible] [illegible] calor qui ad interiora [illegible] et [illegible] [illegible] superficies a calore depauperata [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] pilli [illegible] superficie [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] et [illegible] in febricitantibus orripillatis [illegible] rigoris et rigoris ut dicit Constantinus

Capitulum de passionibus que accidunt circa membra nutritiva

Circa membra nutritiva diverse accidunt passiones [illegible] circa [illegible] fastidium [illegible] et [illegible] fastidium [illegible] appetitus ut dicit Constant. [illegible] fastidium ciborum et potuum [illegible] [illegible] nunciatio [illegible] [illegible] [illegible] [illegible] [illegible] dicitur fastidium [illegible] [illegible] ut dicit ysydorus [illegible] [illegible] homo fastidiosus [illegible] [illegible] solatium [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sensibilium oppillatione et ex [illegible] [illegible]

vel frigore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ad suas [illegible] [illegible] [illegible] [illegible] appetitive [illegible] [illegible] [illegible] appetitus [illegible] [illegible] [illegible] dicit a duplici [illegible] [illegible] [illegible] [illegible] appetitiva et [illegible] [illegible] [illegible]

Cum igitur nervis sensibilibus oppilatis [illegible] [illegible] [illegible] ad [illegible] [illegible] appetitus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] appetitus [illegible] quia [illegible] [illegible] [illegible] fiat appetitus [illegible] [illegible] [illegible] [illegible] [illegible] totius [illegible] [illegible] ex febre [illegible] vel [illegible] ex [illegible] [illegible] [illegible] et fluxu [illegible] [illegible] oppillationis [illegible] [illegible] [illegible] [illegible] nulla [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] palati [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vel [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] oppillatio [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]

et [illegible] ut [illegible] et [illegible]
[illegible] sit [illegible] sic [illegible]
[illegible] et via [illegible] medicina
[illegible] humores frigidi sit in [illegible]
[illegible] [illegible] dieta [illegible] alia [illegible]
[illegible] et [illegible] confortet. Diversa
[illegible] sunt [illegible] si aliquis fuerit
[illegible] si ea desideravit ut sic [illegible]
[illegible] sopitus appetitus [illegible] illud [illegible]
[illegible] [illegible] cibus et potus [illegible]
[illegible] delectabile [illegible] magis apponi est

Capitulum de bolismo

Bolismus est immoderatus et [illegible] appetitus [illegible] [illegible] [illegible] [illegible] [illegible] stomachi [illegible] aut [illegible] [illegible] [illegible] [illegible] assumpta cibaria vel ex [illegible] tendit ad inferiora et sic stomachus [illegible] renovat appetitum. Stomachus autem ex multis causis infrigidatur sicut ex nimia [illegible] dieta [illegible] dicit [illegible] Galienus quod bolismus nascitur ex nimio calore membrorum [illegible] trahit ab [illegible] [illegible] per [illegible] [illegible] [illegible] a stomacho ex quo [illegible] stomachi et [illegible] appetitus [illegible] et immoderate et [illegible] per [illegible] [illegible] [illegible] [illegible] adventum [illegible] [illegible] [illegible] [illegible] [illegible] fria [illegible] et grossa dieta.

[illegible] Bolismum dicunt [illegible] signa s. quod homo plus [illegible] appetit et plus solito comedit et [illegible] assumpta [illegible] nihil addit [illegible] attenuatur [illegible] et marcescit [illegible] [illegible] ventris. Accidit etiam appetitum immutari, ut appetat [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] ex humore [illegible] vel [illegible] infirmitatis stomachi [illegible] quandam [illegible] [illegible] infectus [illegible] [illegible] appetit talia ut [illegible] [illegible]

et in [illegible] et [illegible] [illegible] [illegible] patientibus in quibus [illegible] [illegible] [illegible] [illegible] inficit [illegible] [illegible] stomachi et immutat appetitum.
Contra bolismum [illegible] dentur [illegible] stomachi confortativa dentur et cibaria [illegible] et multa [illegible] [illegible] [illegible] [illegible] stomachi [illegible] fastidium [illegible] et [illegible] et [illegible] frigidus aut [illegible] [illegible] in ea [illegible] [illegible] accidit stomachi [illegible] [illegible] [illegible] electuariis [illegible] et [illegible] [illegible] confortetur cum [illegible] [illegible] [illegible] ordinatur appetitus.

Capitulum de singultu

Singultus est sonus violentus [illegible] stomachi ex spasmosa vel [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ex nimia repletione vel inanitione et [illegible] ex frigore. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fundus stomachi super [illegible] [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] ex tali [illegible] [illegible] vel [illegible] ut dicunt [illegible] [illegible] [illegible] sonus qui dicitur singultus vel [illegible] [illegible] dum fundus stomachi elevatur aer in medio [illegible] vi expulsionis [illegible] dum altum [illegible] [illegible] per angustum transit facit sonum qui dicitur singultus. Cum accidit cum repletione fit cum [illegible] [illegible] et ciborum accidunt [illegible] diversi saporis [illegible] [illegible] habundantia [illegible] et [illegible] est [illegible] abitudo [illegible] dieta [illegible] [illegible] minus larga. [illegible] [illegible] [illegible] ex inanitione cognoscitur per [illegible] [illegible] vel per dietam [illegible] [illegible] et [illegible]
Contra singultum ex repletione [illegible] est [illegible] et [illegible] [illegible] calefacientibus et desiccantibus. Contra singultum

Ex duratione si fuerit sine febre [illegible] est cronicatiuus et humectatiuus. Si autem fuerit cum febre periculosum est. Contra singultum ex [illegible] actuale calidum et potentiale [illegible] est valet sternutatio si prouocetur vel timor si ex spiritus moueat vel si [illegible] subito abiciat. Nam calor renouatur ad interiora per verecundiam aut timorem despumium quod [illegible] est singultus

Capitulum de vomitu

Vomitus est ciborum et humorum [illegible] violenta [illegible] si sine motus vel [illegible] et [illegible] superhabundat in stomacho humores [illegible] [illegible]. [illegible] alii ex calore ebullitur [illegible] [illegible] et humores dissoluuntur fit [illegible] per vomitum repulsio. Sicut [illegible] in ore stomachi vel compressionis [illegible] [illegible] et [illegible] [illegible] et est causa solutionis per [illegible] [illegible] calidus [illegible] mouet [illegible] alii [illegible] [illegible] euacuationis per vomitum. Aliquando et fit ciborum et potuum habundantia quam cum natura non possit regere vel digerere [illegible] repellit a se tamquam sibi superflua et noxia. Aliquando etiam accidit ex qualitate ciborum vel potus vel [illegible] [illegible] [illegible] mordicat neruos stomachi et prouocat ad vomitum. Alii fit ex debilitate virtutis retentiue et fortitudine expulsiue [illegible] stomachus non valet assumpta retinere propter incontinentiam [illegible]. Aliquando et accidit ex fortitudine [illegible] [illegible]. Aliquando et fit vomitus cum [illegible] virtutis [illegible] repellit suas superfluitates ad superiora et natura [illegible] retinere ymo abhominans et abhorrens per vomitum repellit ea. Aliquando et fit [illegible] [illegible] et [illegible] stomachi ex [illegible] et colligantia [illegible] [illegible] [illegible]

[illegible] aliquando [illegible] [illegible] signo vomitus [illegible] [illegible] Ut dicit Galienus vomitus [illegible] [illegible] qui fit vel [illegible] [illegible] [illegible] sicut oportet qui [illegible] [illegible] [illegible] qui fit in [illegible] [illegible] [illegible] ex [illegible] [illegible]. Vomitus [illegible] laudabilis stomachi mundificat [illegible] digestiue [illegible] [illegible] totum [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible]. Ex [illegible] fiunt illa [illegible] [illegible] [illegible] [illegible] vomitus [illegible] [illegible] et tremor [illegible] [illegible] et [illegible] [illegible] [illegible] nausea et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] sudoris [illegible] [illegible] et amaricatio et [illegible] [illegible] palati aut oris. Vomitus igitur si fuerit [illegible] [illegible] superfluus et [illegible] [illegible]. Contra vomitum [illegible] [illegible] valent [illegible] et [illegible] [illegible] [illegible] [illegible] valet [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] diarodon [illegible] sandali et [illegible]

Capitulum de dolore stomachi

Dolor stomachi [illegible] [illegible] [illegible] ex calore dissoluente [illegible] [illegible] [illegible] [illegible] ex [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] stomachi [illegible]. [illegible] dolor est [illegible] dolor est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] frigiditas [illegible] [illegible] [illegible] [illegible] dolor [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

ventositatis [illegible] et crudus ventus ex
[illegible] eructationes acetose ventositas
[illegible] cognoscitur ex rugitu et
[illegible]ator et eructationibus insipidis
et quasi combustione patiens alleviatur
Aqua si est in stomacho cognoscitur ex febre continua
ex puncturis et ardore et indignatione
et ouli[?] extensione / Si igitur calor fuerit
[illegible] sit ita iste humor digeratur et cum
medicinis propriis purgetur. Stomachus
in electuariis fuerit confortatur et cum unguentis
calidis exterius fomentetur / Si autem frigiditas
cum humore sit in ca[?] unde ipso purgetur.
Si vero ventositas sit in causa cum sibi illis
extenuat ventositatem ut dyamarg[aritonem]
dyacyminum et huiusmodi, aqua quas et generat ven-
tositatem in ventre et specialiter in ventriculo tortiones
si quis sit inter huiusmodi interponitur ut dicit
Constantinus / Et ideo si ibi opus fuerit
in medicina ventositatis verius dissolutiva,
et ideo dicit Constantinus ut ventosa
sine scarificatione erigat umbilicum
ut ventositas generat ab interioribus ad
exteriora quia sicut dicit idem plus ventositas
locum habet in ventre cum qui humores ut patet
in ydropicis quibus etiam in eodem capitulo dat ex[emplum]
Cum igitur curatio vult custodire ex toto
sanitatem custodiat se ut minimum
sumat cibum et cetera [illegible] per frena medicina
est abstinentia ut dicit Constantinus in
eodem capitulo de fastidio

## Capitulum de dolore ventris

Solet etiam accidere ventris dolor
et tortura ut dicit idem Constantinus
ex humoribus intestina vexantibus fit dolor
[illegible] et consimiles passiones. Accidunt autem iste infirmitates quandoque ex sub-
clusa ventositate vel ex ebullitionibus

extruduntur quandoque ex humorum multitudine
viscera semper agravatur / Aliquando ex aliquo
apostemate in concavitate intestinorum stomachi inficiuntur
Aliquando ex lumbricorum multitudine viscera intus
corroduntur / Aliquando ex aliorum membrorum colli-
gantia et intestinis apostemate laborantur.
Aliquando ex humorum acuitate intestinorum substantia
mordicantur et ulcerantur et iste passiones
propria habent causas et propria signa.
Ventositas igitur grossa et ab humoribus
resoluta quandoque cum febribus concluditur in
intestinis unitas generat tortiones. Et si
fuerit ventositas resoluta a vena sanguinea erit dolor infusivus
ut dicit Avicenna. Si ex materia dura erit
pungitivus / Si ex flatura erit extensivus
Si ex materia erit gravativus / Si ex vento
flato dicitur agravativus // Cum autem ex sola
ventositate est dicitur dolor tribulativus
ista dicit et libro ad [illegible] commentator
super Jo. et ypo[craten] libro semper vitium magis
et auctoritas. Ista igitur passio curatur
cum dyaboraciis[?] medicinis evaporativis
extenuativis ventositatis et consumptivis
Cum vero repleverint intestina grossa et
viscera gravissimas inferunt passiones
ligant enim intestina et generant tunc
a viscera superfluitatem unde natura non potest
se a superfluis expedire unde oritur
strictura intestinorum et extensio interiorum oppilatio
et pressio, et ex tali oppressione fit pres-
sione accidit sicut statim superiorum et ultima
perturbatio, cum morte et subita destructio
ut patet in yliaca et colica passione.
In tali itaque casu solent primo apponi mo-
dificativa et inde inducatur humectativa
et vivet alleviativa medicina, talibus modo

Et sic recomitatis intestinis tota natura ad consistentiam debitam reuertatur. Quando uero cibus aggrauat [illegible] occupat intestina ex materia et distensione [illegible] sentitur dolor et grauedo in stomacho et in intestinis et [illegible] natura [illegible] ut extenditur ut extremum [illegible] angustie et doloris. Dolor autem fit maior et grauior et [illegible] quam in [illegible] intestinis que [illegible] per longas [illegible] et [illegible] [illegible] et [illegible] confert [illegible] [illegible] frontibus mitigatiua et dolori maturatiua et modificatiua, et [illegible] consolidatiua et sanatiua [illegible] [illegible] remaneat [illegible]. Et ista omnia et multa alia patent in [illegible] et in plateario. Et ista hic pono [illegible]

Quando autem lumbrici sunt in ea maximus instat dolor. Sunt autem lumbrici [illegible] quidam longi rotundi et acuti ex [illegible] et crudis humoribus in intestinis [illegible] generati. Qui cum sint in [illegible] et longioribus intestinis generati dicuntur lumbrici quasi longi ut dicit Constantinus. Et ideo in inferioribus et grossioribus sunt multi ascarides dicti et curcubitini. Hic sunt diuersitas materias ex quibus generati sunt diuersas habent species et figuras. Nam re[illegible] [illegible] sunt [illegible] longi [illegible] et acuti. Nam calor illius [illegible] motum a centro ad circumferentiam [illegible] pro[illegible] [illegible] in longum. [illegible] [illegible] habet motum ad centrum et non pos[illegible] dilatare [illegible] et [illegible] in rotundum et ideo [illegible] longi sunt et rotundi. Et [illegible] dulci fiunt [illegible] longi et lati, longi quidem [illegible] caloris qui calor prolongat

lati uero [illegible] [illegible] [illegible]. Et [illegible] [illegible] [illegible] [illegible] sunt et rotundi [illegible] [illegible] habent motum ad centrum [illegible] latitudinem et longitudinem. Et [illegible] [illegible] fit [illegible] et [illegible] fiunt breues et lati, breues quidem ex frigore, lati ex humore et isti dicuntur cucurbitini quia semini cucurbite assimilantur. Et [illegible] [illegible] ex [illegible] [illegible] [illegible] [illegible] [illegible] grauissimas [illegible] passiones [illegible] [illegible] [illegible] [illegible] [illegible] abhominatio [illegible] stupor et alienatio mentis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] ista omnia accidunt propter [illegible] intestinorum ad [illegible] [illegible] [illegible] [illegible]. Oportet ut dicit Constantinus ut [illegible] [illegible] corpus ab eis consumitur et [illegible] [illegible] nec expelluntur nisi moriantur. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] mortui [illegible] [illegible] [illegible] [illegible] exeunt [illegible] mortui et [illegible] [illegible] [illegible] [illegible] amaris occiduntur sicut absinthio et [illegible] [illegible] in [illegible] [illegible] Constantinus [illegible] [illegible] talia amara dare [illegible] uel [illegible] [illegible] [illegible] dulcia [illegible] [illegible] diligunt [illegible] multa [illegible] [illegible] amaritudine [illegible] occiduntur [illegible] [illegible] [illegible] [illegible].

De colica passione

Quando materia uel inferius [illegible] et intestina propter [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] inferius distenditur [illegible] [illegible] intestinum [illegible] [illegible] [illegible]

De colica passione [illegible]

... ad finis [illegible] impedit et sic fit
[illegible] colica passio que dicitur
[illegible] intestino quod vocatur colon
[illegible] et est in dextra parte ventris
[illegible] qui contiguus sit [illegible]
[illegible] Causa autem huius
passionis est [illegible] ut dicit [illegible]
[illegible] est calor [illegible] febribus
[illegible] dessiccans fecis humiditatem et [illegible]
[illegible] ac [illegible] non permittens. Secunda causa
est [illegible] et [illegible] grossitie [illegible]
et [illegible] prohibens. Tertia est ventosi-
tas [illegible] grossus [illegible] quarta est grossa
ventositas [illegible] humoribus [illegible]
[illegible] et destruens. Quinta est apostema in in-
testino [illegible] libera [illegible]
[illegible] libere [illegible] Sexta est multi-
tudo ascaridum et lumbricorum mortuorum
et [illegible] intestino [illegible]
[illegible] Septima est intestinum [illegible]
[illegible] non [illegible] sentiens nec
expellens. Hec passio [illegible] causa
[illegible] tormina [illegible]
[illegible] et [illegible] Adest [illegible]
[illegible] abhominatio [illegible]
et dolor [illegible] et ex parte ista [illegible]
[illegible] Si est ex calida causa
[illegible] videntur [illegible]
[illegible] Si ex
frigida est [illegible] gravitas [illegible]
est tamen dolor in uno loco. Si vero est ex ven-
tositate dolor est extensivus et mutati-
[illegible] et inflatio. Si
est ex apostemate sentitur calor dolor [illegible]
febris [illegible] asperitas lingue. Si ex
lumbricis [illegible] dolor et
abhominatio [illegible]
[illegible] morbus [illegible] sit [illegible] et mortal[illegible]

[illegible] nisi [illegible]
¶ Primo igitur [illegible] mitigandi
dissolvendi et [illegible] per [illegible]
[illegible] dissolutivas et [illegible]
[illegible] et [illegible]
Et [illegible] ista mitigativa [illegible] dolo-
ris [illegible] diss-
solutivas [illegible]
[illegible] passionis [illegible] ab [illegible]
intestino [illegible] est [illegible]
et longum [illegible] alia [illegible]
Et est [illegible] est
sensibile et [illegible] vocatur [illegible]
de [illegible] Galienum [illegible] dicit [illegible]
duobus [illegible] periculosior est
quam colica [illegible] modo curatur con-
siliis [illegible] ex apostemate
ut dicit Constantinus. Aliquando ista patitur [illegible]
[illegible] lubricitatem et [illegible]
ut in dissinteria et dyarria et hec [illegible]
[illegible] ut dicit Constantinus et [illegible]
Dissinteria est fluxus ventris cum [illegible]
natione intestinorum et sanguinolenta egre-
stione. [illegible] a [illegible]
[illegible] intestina et fit sola [illegible]
[illegible] et [illegible] quandoque fit ex
[illegible] quandoque ex colera adusta quandoque ex
[illegible] ista dicitur [illegible] quandoque ex
[illegible] sanguinis [illegible]
[illegible] quandoque ex nimia sanguinis habun-
dantia [illegible]
Sanguis
[illegible] ad [illegible]
[illegible] est [illegible]
[illegible] superhabundat
in [illegible] et per [illegible]
et hec dicitur improprie dissinteria [illegible]
[illegible] tamen sit [illegible]
[illegible] ventositas et

apparet egestio sicut lotura carnis pin-
guis. signum uero scilicet abradentur (?) ... ras-
ture bracmenum (?) ... fistula r-
[illegible] intestina et tunc apparent
[illegible] et [illegible] et [illegible] [illegible]
[illegible] probum curat. 2a
[illegible] spatia breui curat.

¶ Disinteria [illegible] signa sunt sanguinolen-
tia toto [illegible] et dolor pungitiuus
quia [illegible] intestinorum superiorum (?)
mediorum et [illegible] inferiorum. [illegible] 2o sequitur uen-
atur dolor [illegible] superius [illegible]
[illegible] [illegible] in inferiori. [illegible]
[illegible] diuersa [illegible]
[illegible] et medie. ¶ Primo igitur modo fit ... 
[illegible] percurans (?) [illegible] fluxus in [illegible]
Et hec causa [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible]
[illegible] modi. Iuuat [illegible]
superioribus intestinis est [illegible]
uo plus adiuuat [illegible]
et [illegible] debet esse tamen medie [illegible]

¶ Lienteria est fluxus uentris cum [illegible]
gestis cibi et potus emissione [illegible]
sit [illegible] cibus [illegible] sicut accipit-
ur emittitur. Quod contingit aliquando ex
[illegible] emissione [illegible] [illegible]
[illegible] cibus retinetur. Quandoque fit ex [illegible] et
[illegible] [illegible] et [illegible]
adherente. Aliquando ex [illegible]
plus aggrauat stomachum et [illegible]
mouet stomachum ad expellendum [illegible]
[illegible] [illegible] hec [illegible]
tas sicut [illegible] dicta

Capitulum de dyaria

Dyaria est fluxus uentris simplex

fit ubi [illegible]
[illegible] fit [illegible]
multitudine et [illegible]
Aliquando ex [illegible] [illegible]
in qualitate [illegible] qualitate [illegible]
[illegible] disinteria [illegible] dyariam.
Quandoque fit fluxus [illegible] ad intestina
a capite defluens et [illegible] uel mordi-
cans [illegible] [illegible]
[illegible] [illegible] et ampullas [illegible]
Quandoque spumose [illegible] in dyaria ap-
paret [illegible] capite [illegible] fluxus [illegible]
fluxus [illegible] [illegible]
multitudo [illegible] [illegible]
[illegible] [illegible] et [illegible]
fluxus [illegible] capite [illegible]
[illegible] et [illegible] passionibus [illegible]
dicta sunt sufficiat.

Capitulum de ydropisi

Ydropisis est error digestionis seu
digestiue [illegible] [illegible]
membrorum [illegible] et [illegible] constans
[illegible] [illegible] digestiua debilitat [illegible]
[illegible] superfluitates [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] inflationem [illegible]

¶ [illegible] tubus (?) [illegible] generale ex re-
tentione superfluitatum [illegible] reti-
nent [illegible] [illegible] et [illegible]
ex causa [illegible] [illegible] [illegible]
[illegible] superfluitatibus [illegible] [illegible]
inflatio [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] superfluitates ex [illegible]
[illegible] inflationes [illegible]
qualitatum distemperantia [illegible]
[illegible] [illegible] [illegible]
qualitatis [illegible] [illegible]

ydropisis fuit reperta quo qualitatum prima
leucoflegmantia ex distempantia frigida et humida
et dicitur ab albo flegmate; leucos enim grece
album dicitur latine. Secunda est yposarca vel
anasarca ex distempantia frigida et sicca
... dicitur hoc modo dum frigiditas et humiditas
in epate distemperant virtus digestiva
debilitatur qua debilitata superflua generantur
que virtus expulsiva transmittit ad exte-
riora. Aliquando vero ... accidit inflatio
frigiditas et siccitas distemperata in epate sic virtus
digestiva distemperatur et debilitatur. Et ali-
quando ... expulsiva et ideo superflua
non emittit usque ad exteriora sed
sub carne retinentur. Et ideo hec species de
yposarca ... carne vel ...

¶ Ex distemperantia autem caloris et humiditatis
dissolvitur ... debilitatur utraque virtus
digestiva et expulsiva unde superflua
per totum corpus non expelluntur et intra
ventrem et ... retinentur.
Et hec species dicitur aschites quia venter cor-
percussus resonat sicut utre; aschis enim
dicitur ... distemperat
dissolvitur et debilitatur utraque virtus
superflua ex indigestione surgentia pre
caliditate et siccitate in ... dissolvitur
... expellitur per totum corpus
sed circa ventrem retinentur. Et hec species de
tympanites ... tympanum sonat ...

¶ ... species est inflatio per totum cor-
pus fit ... alba et ... 
... paulatim
... urina est disco-
lorata et tenuis alba et spissa.
... species non est tanta inflatio sed
sicut corpus raro urina ... discolorata et
tenuis ... species est ... inflatio et so-
nat percussus sicut utre; urina rubea
et spissa. ... species extenditur venter et so-
nat sicut tympanum; urina colorata et
tenuis; collum et extrema efficiuntur gra-
cilia ... per totum ... gravis et
... dicitur species ... curare ante
confirmationem; dicuntur ... in confirma-
tione curanda sed post confirmationem ...
ydropicus in corpore est tumidus mollis
gravis et ponderosus ac sitibundus quia
quanto plus bibit tanto plus sitit, et quanto
plus sitit tanto ... plus ... 
et amplius ... talibus ...
... patientibus ... huiusmodi exhiben-
tur ... ventositatis extenuativa hu-
moris ... consumptiva virtutis
... epatis confortativa et quibus
omnibus est expediens in ... constans
de yctericia

de yctericia

Ictericia fuit aurigo et dicitur
... ipsius inequalitate dicitur
in plateario ... species yctericie
... ex cola ... viridis et nigra.
Prima vocatur aurigo quia ... efficit homi-
nes ... auri. Alia vocatur nigra ...
i. viridis ex cola ... prasina vi-
ridantur. Tertia ... i. nigra que
ex cola nigra gignitur et adhusta
... ex fervore et ebullitione sanguinis
in coleram transformatur ex cola superabun-
dante et sanguinem inficiente. Unde differt
ad cutis superficiem et ipsam inficit
et ... Aliquando fit ex oppilatione
superiorum vel inferiorum pororum ... cola
... redundat ad epar et sanguinem
inficit. Aliquando fit ex ... vel febre quia
sanguinem ... et adurit. Aliquando

7

[illegible] vel ibi vel post [illegible] vel a morsu vel punctura reptilis venenosi. hys enim sanguis inficitur et ad nutrimentum membrorum transmissa [illegible] infectione [illegible] et cor [illegible] [illegible] [illegible] totius corporis infectio [illegible] [illegible] [illegible] dolor [illegible] [illegible] vena colorata cuius spuma sit [illegible] vel viridis vel nigra / omnia que corpore [illegible] predicto colore inficiuntur. Ex opillatione superiori causata [illegible] omnia inficiuntur et quia omnia sunt valde tincta, si autem fuerit ex inferiori / tunc omnia superiora sunt magis tincta et inferiora minus. Si autem fuerit febre causa, et [illegible] post septimum diem in aliquo die [illegible] cum diminutione febris et [illegible] paruitis et [illegible] remissione bonum prendit talis coloratio signat enim materiam febris tunc purgari. Si autem fuerit [illegible] [illegible] sicut solet [illegible] [illegible] periculum prendit. Signat enim materiam [illegible] superiora, vel propter sui multitudinem, vel propter sui [illegible] et [illegible] sicut [illegible] dicit Galienus super amphorismos. Solet itaque passio curari per sanguinis minutionem per [illegible] et [illegible] appositionem maxime super [illegible] [illegible] que ibi maxime inficitur [illegible] sanguis sicut [illegible] forte. Dant itaque medici [illegible] et [illegible] [illegible] que [illegible] calorem [illegible] sanguinem et [illegible] [illegible] dispositionem. Et si fuerit ex opillatione [illegible] [illegible] que sunt [illegible] [illegible] calida ut patet in [illegible] Constantinus.

Capitulum de emorroidis

Emorroidi sunt [illegible] [illegible] [illegible]

[illegible]

Capitulum de dolore renum

Dolor renum [illegible] [illegible] [illegible] que dolor [illegible] [illegible] [illegible] [illegible] quod dolor [illegible] [illegible] est et instabilis [illegible] [illegible] [illegible] [illegible] vel [illegible] ad [illegible] [illegible] dolor [illegible] patiuntur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Alii ex [illegible] Alii ex lapide. Et omnia ista [illegible] [illegible] dolore [illegible]

[illegible] fit [illegible]
[illegible] pongimus [illegible]
[illegible] et [illegible]

## Capitulum de lapidibus et arenulis

Lapides et arenule et alie superfluitates [illegible] in renibus generantur et hoc propter ex [illegible] grossa [illegible] huius cum appellatur in renibus et vesica [illegible] et [illegible] lapides vel arenas [illegible] caloris [illegible] lapidum multa [illegible] remedia [illegible] vrinandi [illegible] Appellatur [illegible] lapides appellantur [illegible] vrinales [illegible] et fit [illegible] si [illegible] de [illegible] et [illegible] maior [illegible] ex toto et [illegible] dicitur in vesica [illegible] in renibus et in vesica singula [illegible] renibus [illegible] vesica [illegible] lapis [illegible] ut dicit constantinus [illegible] vrina vel arena [illegible] grossa accidit [illegible] grossa [illegible] vesica magis [illegible] Cognoscitur [illegible] lapis [illegible] vel [illegible] lapides [illegible] dextre partis [illegible] in dextro [illegible] sinistre vero [illegible] in sinistro [illegible] in vesica [illegible] arenule [illegible] a renibus [illegible] et a vesica [illegible] Lapis autem [illegible] ab [illegible] dissoluitur facilius [illegible] ex arenulis [illegible] dissolui [illegible] et curari [illegible] lapis [illegible] et [illegible] caloris [illegible] et [illegible] aqua [illegible] dicit [illegible]

Nota de cognitione lapidis in renibus et vesica

in talis dicit et apprimus [illegible] tibarys [illegible] appetitus et non [illegible] et [illegible] adolescentes [illegible] periculosa est [illegible] passio non curatur ut dicit in amphorismis [illegible] accidit [illegible] vrine [illegible] diabetica passio [illegible] constantinus [illegible] et [illegible] ad renes et [illegible] superfluitates ad vesicam [illegible] per vrinas [illegible] et [illegible] ex molitione renuum [illegible] et [illegible] in illo vesice qui accidit propter grauitatem semper [illegible] et multitudinem [illegible] ut in pueris ignorantibus in lectulo vrinantibus et in bibulis [illegible] propter [illegible] est [illegible] passione [illegible] semper sitiunt et [illegible] aqua [illegible] ut dicit constantinus [illegible] sicut [illegible] bibunt [illegible] in [illegible] vrinales [illegible] et [illegible] ibi [illegible] compositionis [illegible]

C[illegible] infirmitatis patientibus [illegible] caloris [illegible] caloris renum [illegible] et [illegible] ad statum [illegible] renouatam. Et hoc fit [illegible] et [illegible] et [illegible] ponatur [illegible] et [illegible] caloris accidit [illegible] et [illegible] locus patiens [illegible] et [illegible] renes [illegible] renes et vesica [illegible] et [illegible]

digestiua huius retardant in sta et con-
tinuitate par. ¶ Et consultum est dare
in talibus temperata et opiata que tales sol-
uit uia atque talia

## Capitulum de hernia

Hernia dicitur pellicule huius si-
phac ruptura. Siphac enim quedam
est pellicula que [illegible] intestinorum a qua
tunica est diuersa. Sicut dicit Constantinus de
pellicula [illegible] et [illegible]
bilia est [illegible] parte. Cum [illegible] contingit
siphac uel per [illegible] uel et
per calorem dissolui [illegible] relaxatur
et molliri. Contingit [illegible] intestina labi
et in [illegible] testiculo [illegible] pellicula de sic
dolore [illegible] aut ipsius
pellis diuisio uel relaxatio. Aliquando accidit
ex causa extrinseca sicut a nimia [illegible] extensione
ut in bello uel in palestra. Aliquando ex con-
cussione uel ex [illegible]. Aliquando ex causa intrin-
seca sicut ex nimia [illegible]
et humorum [illegible] pellicula
dilatatur et inciditur quam ex nimia [illegible]
neruos et lacertos relaxantur. Quoniam
autem [illegible] accidat in [illegible] facilius curari
potest et [illegible] in iuuene. Si non ma-
[illegible] et [illegible] uel [illegible]
consolidantur et difficilius curatur ut dicit
Constantinus. Solet [illegible] curari [illegible]
per dietam et medicinam et alii per incisionem
et cyrurgiam. Talibus igitur debent [illegible]
[illegible] et in medicina et cibo
[illegible] et etiam
fomentationes et balnea [illegible] addita
et unguenta. Super omnia autem [illegible]
tenuitas dieta et [illegible]
et [illegible] motu [illegible]
[illegible] est [illegible]
[illegible] hernioso

## Capitulum de dolore articulari

Arthetica [illegible]
rum inflationem et do[illegible]
in articulis [illegible] podagra
tragra dicitur [illegible]
[illegible] ex sanguine et colera flaua [illegible]
fit in [illegible]. Sanguis cognoscitur
in causa ex rubore loci et calore [illegible]
[illegible] patiunt et totius
corporis ex dieta [illegible] et [illegible]
etate et regione [illegible] et ex eo quod maxime
mouetur in [illegible]. Colera huius cognoscitur
esse in causa ex dolore [illegible] et [illegible]
[illegible] et acuitate ac calore et
plus inflatione ex colore rubeo et [illegible]
[illegible] et [illegible] et mag-
is dieta [illegible] et regione [illegible]
[illegible] super [illegible] per [illegible]
[illegible]. Calida proficit [illegible]
cognoscitur [illegible] ex flaua [illegible]
regione dieta etate [illegible] ex flegmate
loci ex calore [illegible] rubore medio
uel nullo. [illegible] cognoscitur
ex grauitate capitis et [illegible]
[illegible]

¶ [illegible] est [illegible] et articulos
et [illegible] digitorum et manuum et pedum
[illegible] in [illegible]
[illegible]
reddit et impotentie ad operandum [illegible]
[illegible] / Nodositatibus [illegible]
digitorum iuncturas [illegible]
[illegible]
[illegible] curatur [illegible]
[illegible] et nodositates. [illegible]
[illegible] debet prius purgari [illegible] me-
dicina [illegible] sanguis [illegible]
si sanguis est in causa. Calor [illegible] debet [illegible]
[illegible] frigidis [illegible]
frigidus [illegible] et emplastris
et unguentis a cibis grossis abstinendum est

[illegible] laterus. Ha [illegible]
[illegible]

## De sciatica gutta

Gutta sciatica dicitur que nascitur ex humoribus descendentibus in nervum grossum qui est inter [illegible] grossos [illegible] sive anche [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] superfluis humoribus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sanguinolentis [illegible] [illegible] [illegible] [illegible] [illegible] Et [illegible] [illegible] [illegible] [illegible] [illegible] dolor descendit in coxa et usque ad [illegible] [illegible] usque ad [illegible] pedis cuius est ut dicit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] pedis [illegible] [illegible] [illegible] [illegible] pedis digitum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in sinistra [illegible] est in dextra. [illegible] [illegible] [illegible] [illegible] dextra [illegible] est calor [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] passio [illegible] est dolor [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sanguinis [illegible] [illegible] [illegible] [illegible] [illegible] pedis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit Const. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit [illegible] [illegible] dicit [illegible] Const.

Cauterium [illegible] [illegible] [illegible] [illegible] [illegible]

nota de [illegible]

dyalsio(?) multum prodest [illegible] [illegible] [illegible] [illegible] dolorum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

## De podagra

De podagra

Podagra [illegible] Const. [illegible] dolor pedis [illegible] [illegible] [illegible] [illegible] [illegible] et pulsatione. Nascitur autem ex malis humoribus ad [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fit extensio atque tumor [illegible] [illegible] [illegible] pungitivus. Non [illegible] [illegible] magnus tumor quia pedes spoliati sunt et denudati a carne, et [illegible] [illegible] [illegible] [illegible] [illegible]. Tumor [illegible] nascitur in carnosis membris. Hec passio nascitur in [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible], qui a superfluis humoribus corpus non [illegible] maxime [illegible] multum comedit atque bibat. Ex talibus [illegible] generantur superflui humores qui reumatizant ad pedes, et maxime [illegible] [illegible] superflua [illegible] [illegible] non [illegible]. Et maxime hoc accidit ex nimio coytu, tota [illegible] [illegible] coytus [illegible] movet ut dicit Const., et [illegible] Et [illegible] movet humores [illegible] [illegible] et [illegible], unde accidit quod eunuchi non podagrizant, quia non [illegible] [illegible] non [illegible] [illegible] nisi raro, et hoc quia [illegible] [illegible] expurgant, unde ypo. dicit mulieres non podagrizant, nisi forte menstrua [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] in xl^a diebus curantur, sed si in autumpno [illegible] et duraverit usque ad [illegible] [illegible] [illegible] [illegible] ut dicit in amphorismis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

de podagra

Podagra

per calid[itatem] dissoluitur materia et per humiditatem diffunditur
et diffusa in aliquo; propter primam rationem et quia
confluat ibi materia; propter secundam autem rationem scriptis
lunationis sufficit dicitur; unde in quarta ratio-
cinationis calide et sicce ex toto materia con-
sumitur et infra v septimanas; quia post xl^a
dies fit curatio magis in estate. In au-
tumpno et yeme materia est minus preparata
et [illegible] dignoscere. quia igitur huius
passionis primo purgatur deinde localis exte-
rius in principio apponatur. Non tamen sit calida
et dissolutiva quamvis in principio non sit ca-
teumatica et si materia sit frigida ut reuma
amplius vertitur; et si tamen est in principio re-
pressiuis fortioribus in causa calida et re-
missioribus in frigida; cum fortis materia indu-
ratur deinde apponantur suffumigationes
fomenta et unctiones calide vel frigide
prout materia tamen requirit; licet tamen dicta
et temperata patientis virtus. Deinde post
super omnia caveatur. Lenitur et medicine ex
[illegible] fugatur.

de apostemate

Capitulum de apostemate

Apostema est superfluorum humorum in
membro collectio putrefactionem
faciens et tumorem ut dicit Constantinus.
Contingit autem membra apostemari aliquando ex
causa extrinseca ut dicit Constantinus ex percussione
et vulnere casu et contusione; ex omnibus
enim talibus mouentur humores et ad locum
confluunt patientem qui ibi retenti a calore
[illegible] calefiunt et putrescunt. Aliquando autem
causa intrinseca scilicet ex habundantia humorum corrup-
torum qui semper confluunt ad locum aliquem
et conueniunt; et hoc [illegible] quia aliquando
ex adunatione [illegible] in proprio membro;
aliquando ex fluxu [illegible] de uno membro ad aliud
et tales confluxus plures sunt [illegible] ut dicit
Constantinus. [illegible] fortitudo membri expellentis

quedam membra [illegible]
[illegible] a superfluis sicut membra [illegible]
superfluis se [illegible]
est debilitas membra recipientis [illegible]
[illegible] debilia recipiunt superfluitates [illegible]
ribus descendentes sicut [illegible]
[illegible] est multitudo humorum quia [illegible]
in membris [illegible] ad membra
membrorum [illegible] et
quod superfluit ad [illegible] fit et clau-
ditur [illegible] et facit [illegible] est largi-
tas meatuum per quos facile fluunt humores
de membro ad membrum; quarta est liquiditas
humorum et subtilitas quia facilius [illegible] facilius
diffunduntur et diffusi in aliquo membro re-
colliguntur et ibi [illegible] membra
[illegible] et sic ad putredinem dis-
ponuntur. Quinta causa est suppositio membrorum
quia [illegible] supposita membra recipiunt super-
fluitates quia ad latera [illegible]
et fit [illegible] quia ad membra [illegible]
[illegible] et pleuresis et sic de aliis.

Fit autem apostema hoc modo: dum humores [illegible]
[illegible] et a calore [illegible]
a [illegible] corruptum
[illegible] membrorum ebulliunt et pu-
trescunt sicut pasta in [illegible] posita a-
[illegible] in superficie [illegible]
[illegible] sub [illegible] humor collectus
per calorem ebullit [illegible]
[illegible] humor [illegible]
[illegible] tumor dicitur apostema. [illegible]
de [illegible] et dicitur [illegible] humore
simplici sicut de sanguine et de flegmone.
[illegible] signa sunt hec: rubor [illegible]
[illegible] et duritia propter multitudinem et
calorem [illegible] pulsus a-
[illegible] propter [illegible]
[illegible] dolor propter extensionem, calor
propter [illegible] tumor propter [illegible]
[illegible] fit apostema ex simplici colera

rubea [illegible] erisipila, i. sacer ignis p[er]
[illegible] fit et aliud ex colera pura et
[illegible] et h[oc] dicitur a me-
dicis [illegible] hestiomenus qui se ipsum corrodit.

Cancer [illegible] apostema [illegible] et dicitur [illegible]
sive paludibus sicut in palude est [illegible]
super fluitat et lunositate ita in hoc apostemate
cum si impresseris digitum videtur [illegible]
quia flexibilitatem in digito [illegible] videtur
et in medio apparet foramen quod [illegible] est.

Et postea remoto digito [illegible] materia
redit ad medium totum illud [illegible]
[illegible] signa sunt albedo quia materia [illegible]
mollities quia materia est liquida [illegible] dolor [illegible]
quia materia [illegible] sensibilitatis. Cum
[illegible] signa sunt in apostemate [illegible] colera videtur
quia calor est multus [illegible] materia [illegible]
et [illegible] quia colera non est [illegible]
[illegible] dolor et [illegible]
[illegible] est [illegible] Ex [illegible] fit
[illegible] materia fuit tota [illegible] fit [illegible] si pars
[illegible] fit apostema quod [illegible]
ad [illegible] sicut [illegible] in [illegible]
dorsi [illegible] et brachia sunt [illegible]
[illegible] quia [illegible]
[illegible] dorsi [illegible] et
[illegible] materia [illegible] paulatim [illegible]
[illegible] et [illegible] insensibiliter
[illegible] illius nigredo
duricia [illegible] materia sit terrestris et [illegible]
[illegible] multum est [illegible]. Calor
est [illegible] quia materia non est ex toto nigra
dolor est paruus aut nullus propter
terrestreitatem quia materia illa [illegible]
[illegible] sicut [illegible] Cor-
rodit [illegible] et corru-
pit [illegible] ad [illegible] venas [illegible]
[illegible] ossa [illegible] et [illegible]
[illegible] ad [illegible]
[illegible] corrosiua [illegible]

[illegible] que non [illegible] cancrosum est apostema
in [illegible] et corrodit [illegible] putrefacit [illegible]
[illegible] et neruos paulatim [illegible]
Cancer [illegible] magis [illegible]
[illegible] erisipila, fistula [illegible] non cor-
rodit [illegible] putrefacit [illegible]
neruos paulatim [illegible] ad [illegible]
[illegible] corrumpit [illegible]
[illegible] ossa. [illegible] fit [illegible]
male [illegible] superponitur [illegible]
[illegible] Aut [illegible] in
[illegible] fit quia [illegible]
et fit [illegible] aut [illegible]
[illegible] multum [illegible]
[illegible] aut [illegible]
multa [illegible] Est autem fistula
intra [illegible] profundum, in superficie [illegible]
angustum [illegible]. Cancer [illegible]
[illegible] multum [illegible] et interius an-
gustatur et [illegible] difficilis est ad curandum. Aliquando
nascitur fistula ex [illegible] sine [illegible]
[illegible]. Aliquando ex apostemate male curato et
maxime [illegible] humiditatem [illegible] fiunt
diuersa foramina [illegible] diuersorum colorum e-
mittentia, ut uno album, alio citrinum,
et si foramina in uno loco clauduntur
in alio nascuntur. Sunt et alia apostemata
que ex [illegible] materia [illegible] ut [illegible] in
[illegible] que [illegible] vocatur [illegible] carbun-
culus quia [illegible] ut carbo. Fit autem [illegible]
materia [illegible] et [illegible] materia
[illegible] ut [illegible] diuersorum colorum
[illegible] irregularitatem formarum. Sunt ibi
quedam rubea [illegible] sanguinis, quedam
[illegible], quedam [illegible]
quedam [illegible], quedam flaua a
[illegible], et sic de aliis [illegible]
[illegible] dolor intollerabilis
[illegible] et [illegible] in profundo [illegible]

apostema pustula quedam oritur sive vesica per-
[illegible] humorum [illegible]
[illegible] aut [illegible] [illegible]
[illegible] [illegible] [illegible]
ad profundum cum quodam filo adherente sup-
[illegible] in medio. Ad curationem itaque apostema-
tum solent apponi in principio repercussiva nisi ma-
teria sit furiosa et venenosa ut in vesicu-
la et antrace. Nam in talibus non sunt
ponenda repercussiva si ponantur mitigata ve-
nenosa [illegible] ad interiora
membra et [illegible] notum
[illegible] [illegible] est in statu solent
apponi solutiva [illegible] et maturativa
Aperto itaque apostemate sive rupto et educta
sanie [illegible] est cum [illegible]
[illegible] consolidativis et bone carnis generativis
Ad alia duo apostemata quorum [illegible] est
priora ad exteriora [illegible]
est sicut [illegible] et fistulam [illegible]
[illegible] magis [illegible] [illegible] est pur-
gandum [illegible] localibus remediis [illegible]
est [illegible] cancrum fistulam et [illegible]
[illegible] [illegible] [illegible] et [illegible]
corrosivis [illegible] est [illegible] fistula [illegible]
[illegible] et consumptivis ac sanie mundifica-
tivis [illegible] [illegible] [illegible]
[illegible] est enim aliquod periculum [illegible] cor-
rupta [illegible] [illegible] [illegible]
pars in posterum [illegible] [illegible]
apostemata non venenosa sicut [illegible] antra-
[illegible] et cauteriis est remedium apponendum
[illegible] [illegible] [illegible] [illegible]
[illegible] Consilium igitur est ut [illegible]
aliud non impediat fiat flomia [illegible]
[illegible] in proximiori [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
non est tutum [illegible] [illegible]
aliud membrum nobile cum sit venenosa
[illegible] est igitur bonum ut tractatur cum [illegible]

[illegible] [illegible] et [illegible] doloris
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
et ita [illegible] [illegible] [illegible] potius [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] est apponere [illegible]
[illegible] apostemate. Quo rupto non est timor
de [illegible] [illegible] [illegible] vitellum ovi cum sale
[illegible] et [illegible] apostemati appositum dolo-
rem mitigat et apostema rumpit ut dicit
commentator.

## Capitulum de ulceribus

Ulcera sunt quedam vesicule que ne-
[illegible] humore [illegible] [illegible]
undique [illegible] et [illegible] [illegible]
in fine [illegible] [illegible] [illegible] in superficie
[illegible] [illegible] humoris [illegible] [illegible]
continuitatem [illegible] [illegible] est [illegible]
sanguis ut [illegible] ab [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] usque ad po-
[illegible] cutis superficiem [illegible] Talia
[illegible] ulcera [illegible] [illegible] [illegible]
[illegible] [illegible] in carne [illegible] [illegible]
et [illegible] [illegible] et [illegible] [illegible] sit
[illegible] [illegible] [illegible] qui ab eis libere
[illegible] [illegible] [illegible] purgare a super-
fluis [illegible] et [illegible] humoribus [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] humoris [illegible] et [illegible] [illegible]
[illegible] [illegible] et [illegible] minus [illegible]
[illegible] [illegible] [illegible] et ab [illegible] non [illegible]
[illegible].

## Capitulum de pustulis que papule dicuntur

Pustule sive papule dicuntur quedam
apostemata [illegible] superfluitate
in exteriori [illegible] superficie [illegible] et
[illegible] [illegible] [illegible] sibi superflua et
nociva ad exteriora [illegible] [illegible] que
[illegible] a superfluitate [illegible] et [illegible] [illegible]

pustulas [illegible] supponens pustulas
[illegible] vocat ut dicit [illegible]
[illegible] pustule que sunt quedam que desu-
per cutem [illegible] et [illegible]
[illegible] generate ut dicit Ysydorus et etiam Constantinus.
Vocantur autem hee pustule variole in pueris
et alii in adultis. In parvulis autem tales
pustule sunt salubriter et futuram sanitatem
prenuntiant ut dicit Constantinus. Sunt variole
de sanguine putrido nascuntur corruptior [illegible]. Et
[illegible] in pueris vel adolescentulis hoc eveniunt
de futura lepra vel in posterum [illegible] formidabilis.
Fiunt autem in parvulis ex sanguine menstruali
quo in utero alebantur quod hic natura expellit
ad exteriora et sic a futuro periculo liberantur.
Similiter contingit in adultis et senibus
in febre circa crisim tales pustulas [illegible]
[illegible] natura febres ad exteriora expellente.
Et ideo nec in istis nec in illis debet fieri
repercussio ne natura transferatur intus quia si
[illegible] pustule alia quodam modo fumosa
circa oculos fiunt et [illegible] tamen fumus
repercussio ne natura transferatur intus quia semper
pustule aliquando ledunt oculos vel pupil-
lam. In omnibus cum aliis locis [illegible]
[illegible] talis materia ad exteriora [illegible]
[illegible] circa oculos, ubi cum est materia
[illegible] et [illegible] ne ex fumosa et
violentia materia [illegible] ledatur [illegible]. Caveatur
et [illegible] vel [illegible] tam parvulo quam
adulto ne talium pustularum [illegible]
vel [illegible] vel per aliud [illegible]
tempore maxime circa faciem, ne perpetuo
deformitas remaneat in facie [illegible]
[illegible] pustule in corpore oriuntur
[illegible] ex materia flatica albe [illegible]
[illegible] ex materia colerica asper [illegible] et
dure [illegible] humore [illegible]
carnis diffuso [illegible] calore et acumine [illegible]

appetit et modificat et confirmat pustulas [illegible]
[illegible] superficiem generat. Si pueri sunt [illegible] mediocre
[illegible] grani milii. Et ideo talis passio
vocatur ab auctoribus corpus milii vel gra-
nulosus. In quibusdam autem [illegible] tales pu-
stule sicut sunt frequentes et [illegible]
et materia preciosa [illegible] medicina
[illegible] si corpus fuerit plectoricum colericum
si autem non fuerit plectoricum ventositate
et [illegible] diversis [illegible] consumptivis
et [illegible] potest adiuvari.

De scabie

de scabie

Scabies est corruptio cutis ex corruptis
humoribus [illegible] corporis cum de fo-
mentorum [illegible] interioribus [illegible] ut
dicit Constantinus natura malos humores expellit
ad superficiem corporis ut mundificet interiora.
Qui si fuerint subtiles et liquidi de facili
sudore et fumo dissolvuntur. Si grossi non
sic sed cute remanent, inde et corporis scabiem
[illegible] humor sic inclusus inter
cutem et carnem si colericus fuerit et intensus
scabiem inducit siccam non saniosam cum fissura
pruriginem et puncturam. Si vero fuerit humor
flaticus albam grossam et squamosam et
[illegible] magno scabiei [illegible]
Scabies autem humida squamosa cum [illegible]
tatione pruritus [illegible] sanguis mixtus
cum colera ex nimia corporis repletione [illegible]
frequentia et ex [illegible]
[illegible] superfluitatem [illegible]
[illegible] Et etiam in quibusdam [illegible] scabies
ex [illegible] et tales de facili [illegible]
Scabies itaque cum [illegible] consumptivis et mo-
dificativis [illegible] curanda est.

De impetigine

de impetigine

Impetigo est [illegible] humoris
corruptio [illegible] cum prurigine
cutis [illegible] superfluitas
quedam fumosa ab interioribus ad exteriorum

carnis supficie uicta cuti nascit et hec
infectio de mia colera cu minutissis
pustulis repelleº scabiosaz qi furfur
respsam sensa et pruriginosa efficit. et
hec infectio de mia colera uel nitera nimis
mixta licz cutu tralpit ut dic Const.
et dicit hec passio impetigo qr titilla
re et pruritu mixto cute et tecmeum
impetit / et dr et serpigo qr admodum
serpentis serpit cutis undiqz atqz rupit
et cute qua inficit in quasdā squamul
post scalpationē feda redit / hec passio aliq
aduloz anguli supficie uiebri undiqz
circuicingit / et talis impetigo ul serpigo
herpes cingulla medicis nūcupatur. Im
petigo aut differt a serpigine qr fit de
magna impetuosa ma et ignita qr
de colera / et io obliga facit foramina
et stricta / sz ual parua / et semp mouet
sursuz sicut ignis / Serpigo uo est min
ignita / et io no mouet sursuz sic ignis
sz circuncingit membru et circuqz se dif
fondit. Vn dicit qi serpens p gyru / hec
passio est curaa suffumigationib et bal
neis appositis ɔsumptis / mūdificatiuis
et extersiuis / sile et ungētis frangatur
cum succo ebuli sambuci / lapaci fume
terre. et h. postea balneū dulcis aque
assuescat ut dic Const / dicit et qi
hec infirmitate lz splena hois qd dici est
minnuis / hinc passionē semp assotiat
prurigo / sicut prouenit qda inmoderate
rationis z scalpitionis appetitus / falsam
qdam induceb delectatioib inquiret qua
litate ex succo salso et ac. io inmoderate
cuti a ma calida restituo - Salsa aut
est talis delectatio et nociua qr cuti idue
ulceratione et desatinatione z sep i fine
sugerit lesione et dolore
Capitulum de lepra.

lepra

Lepra est uicis [illegible] corruptio
et humorz mixto [illegible]
prinemtium fortibus suu et [illegible]
corruptio humor mixti [illegible]
rumpunt [illegible] qr ex humoribus mixtim
Dicitur aut elephantia siue lepra z
cancer qr ex humoribus mixtim hec fit
puª ex corruptione matie ut dic Const.
Lepra est passio feda et sicca nascens
de cola nigra mixta et putrefacta ap
parens in supficie corp. ¶ Nascit qd
ex qtr humoribus putrefact / sz tn adustis
et corruptis / et in nigra colera quiuat
ut dicit ibidem. putrefactio aut fit co
ex quibus admiscet matia / pp cui Glita
tem feda / et sicca putrefacta repugna
tem / nec pot expelli in basib sine uenis
quouiqz incorporet et mora facit in
membris suis quibus applicat putrefactio
ex qua sequit ipa lepra. Malencoliz
humor pp sua duritia et ɔpassione lon
gam mora expetit ad sui putrefactionē
Et aut in febris rau aliquo putrefact
potius febre qr lepra generat // Diuer
sificat aut lepra f modos siue qr humorz
mutua int mixtione / fit en una
spes ex pura matia / et hec ppr dicit
elephantia ab elephas aiali sic nomina
pp morbi maxime nocumentu qui infestat
patientes. vn hec passio durior est ceteris
tamqz ɔplexior et difficilior ad curam
et resp mēz / 2ª fit ex matia et fl.
et hec dicit tiria uel serpentina a tyro
serpente dicta qr sicut serpens de facili
dimittit spoliū suu renouat et est
squamosus / sic patiens talē lepram
de facili excoriat in cutis supficie z
resoluit in quada squamā / 3ª spes
ex matia et sanguis infestor / et hec dicit

Alopicia [illegible] alopes est ingenio multis
[illegible] [illegible] infectionibus per infectionem
[illegible] depillari et sic patientes ista
[illegible] [illegible] aliquis plus ceteris depilati
[illegible] [illegible] consumit. ¶ Item secundo quod ex
colera rubea corrupta in [illegible] malancolia
dicitur leonina a leone valde calidissimo
et feroci. Sicut ista species lepre causatur ab hu
more ferventissimo sic ita modo malicioso
[illegible] morbo corrodit et destruit omnia
membra. Est igitur ex corrupta malancolia. Ele
phancia ex corrupto fleumate et tyria sive
serpentina ex corrupto sanguine. Alopicia sive
vulpina ex colera non rubea pessima leonina.
¶ Item secundo sciendum quod habet quedam signa certa et
quedam specialia quibus ab invicem distinguuntur
[illegible] [illegible] per passio talia habet signa caro
[illegible] corrumpitur et spissa [illegible]
[illegible] oculi et palpebre corrugantur
[illegible] [illegible] [illegible] in leonina
angustantur nares et [illegible] [illegible] rauca
efficitur [illegible] in elephancia et [illegible]
[illegible] [illegible] multa membra [illegible]
[illegible] [illegible] [illegible] insensibilitas
et [illegible] [illegible] [illegible] [illegible]
quedam [illegible] [illegible] [illegible]. Con
trahuntur digitorum [illegible] et manus [illegible]
[illegible] corrumpuntur [illegible] et [illegible] malo
fetore [illegible] corrumpunt carnes et
[illegible] [illegible] [illegible] [illegible] et [illegible]
si aqua super [illegible] [illegible] madefacit cutis
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] scabies quasi sunt scabie
patiuntur et maculis varius nunc rufus
nunc [illegible] nunc nigris nunc scalbidis
[illegible] [illegible] [illegible]. [illegible] illorum pustulis
et maculis propter habundantiam nunc ap
parent nunc [illegible] nunc [illegible]
[illegible] [illegible] profundatur. Et [illegible]
pustulas [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] signum est lepre confirmate.

Signa igitur lepre apparent magis in extre
mitatibus et in [illegible] [illegible] [illegible]
et propter in [illegible] [illegible] [illegible]
[illegible] et in [illegible] [illegible] [illegible]
[illegible] lepre [illegible]. Quelibet species
habet suas proprietates et speciales. Nam patientes
leonina magis [illegible] [illegible] oculos
[illegible] magis [illegible] et [illegible]
et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible] etiam
[illegible] [illegible] et [illegible] in [illegible] [illegible]
plus [illegible]. Patientes vero alopiciam
ex toto depillantur eorum cilia et supercilia valde
[illegible] et inflantur eorum oculi valde rubent
et pustulas in facie [illegible] habent. Aliorum
pustule [illegible] cum sanie emanant nasus
[illegible] ingrossatur et [illegible]. Odorantes
[illegible] valde eorum [illegible] et maximam
corrosionem [illegible] in gingivis. Pa
tientes tiriaca tumorositates et [illegible]
habent [illegible] mollis et scalbidam habent cutem
[illegible] et quedam [illegible] [illegible]
[illegible] medium et pediculo
rum [illegible] multitudinem. Has et alias
pessimas habent conditiones [illegible] ex fleumate corrup
to [illegible] [illegible], et sputa [illegible]
[illegible] et saniosa et nares obturatas
et [illegible]. Oculi eorum lacrimantur et fluunt
[illegible] superfluitatis [illegible] [illegible]
putrefactionem patiuntur labiorum et gingi
vam et trachie arterie patiuntur aspe
ritatem et efficitur raucus. Sanguis eorum post
[illegible] in [illegible] [illegible] [illegible] illud
[illegible] [illegible] est [illegible] est album vel sub
[illegible] et [illegible] [illegible] [illegible] coagulatur et in
multa [illegible]. Patientes vero [illegible]
colorem habent [illegible] [illegible] [illegible] [illegible]
patiuntur [illegible] oculi eorum rotundantur
nares constringuntur [illegible] et consumitur.
Et hoc est [illegible] in [illegible] [illegible] plus [illegible]
[illegible] et insensibilitate minorum digitorum.

precipue patiuntur tarde devenit ad augmentum
sed cum devenit [illegible] videtur [illegible] sanguis
[illegible] est lividi coloris vel sub nigri cito
maculatur et quanto magis fuerit tanto plus
indurescit et [illegible] in medio est [illegible]
[illegible] alte vel [illegible]
est [illegible] in omni lepra. ¶ Habet alia lepra a
[illegible] postquam [illegible] predictis fit
[illegible] et [illegible]
fabulatione cum leprosis. Contagiosa [illegible]
enim morbus alios inficit. Accidit
et ex accessu et coitu mulieris cognite statim
a leproso / quia accidit ex parentibus generantibus
ut ex corrupto sanguine leprosi generatur. Unde
contagio per hereditatem [illegible] transit ad
ipsam prolem. ¶ Aliquando et accidit quia con
cipitur fetus tempore menstruorum, vel quia ex cor
rupto lacte nutricis leprose nutritur fetus
¶ Aliquando accidit ab intrinseco sicut ex aere
corrupto et infecto, ex dieta mala ut ex
cibis malis et nimis [illegible] et [illegible] ut ex
carne bovina, asinina, leporina et huiusmodi
Aliquando ex cibis nimis calidis ut ex vinis
diversis [illegible] et huiusmodi. Aliquando
ex cibis corruptis, et corruptionem [illegible]
[illegible] ut ex carne porcina que [illegible]
infecta, et super femina [illegible] in [illegible] et
corrupto. Aliquando ex morsu alicuius reptilis
[illegible] et [illegible] corrumpentibus
[illegible] et aliis modis superfluitatibus lepre in corpore
humano generatur. Hec est curabilis nisi divina
manu postquam perfecte confirmatur, palliari tamen
potest et preservari ne destruat ita cito. Caveat
itaque patiens a nocivis precipue a cibis me
lancoliam generantibus et a cibis sanguinem [illegible]
Subtili igitur dieta et [illegible] nutriat non
corruptis [illegible]. Si autem sanguis [illegible]
[illegible] ut in alopitia. [illegible] flebotomare [illegible]
[illegible] purgare [illegible] medicina. In aliis autem
[illegible] debet [illegible] firmata [illegible]
[illegible] flebotomia [illegible]

[illegible] ut dicit Constantinus [illegible]
[illegible] medicina est [illegible]
et [illegible] ut in [illegible]
¶ Ad curationem huius lepre [illegible]
[illegible] ut dicit Platearius [illegible]
[illegible]
[illegible] et capite ablato [illegible] porros [illegible]
[illegible] assumatur. [illegible]
[illegible] patienti [illegible]
[illegible] utilis est [illegible] morbis
ut patet in [illegible] quo narrat [illegible]
[illegible] cum aliis [illegible]
ut [illegible] infirmitate [illegible]
[illegible] multo sudore emisso [illegible]
[illegible]

De morphea

Morphea est macula in cute [illegible]
ex [illegible] corruptione. [illegible]
est lepra in cute [illegible] morphea [illegible]
¶ Morphee autem alia est alba ex fleumate alia
nigra ex malancolia. Alia rubea ex colera [illegible]
sanguine. Alia autem [illegible] ex malancolia et [illegible]
est difficilis ad curandum. Sed illa que fit ex
sanguine facilior est ad curandum. [illegible]
morphea est incurabilis [illegible]
[illegible]
[illegible] curabilis [illegible]
¶ Morphea [illegible] sicut lepra in car
ne et in cute. [illegible]
differt a [illegible]
quibusdam [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

196

et consumit. Sup[er] eas aute[m] contra huius pas-
sionis [illegible] [illegible] dicu[n]t fumi ter-
re [illegible] [illegible] in apozimatibus
et potionib[us] potu et dare pilulas [illegible]
[illegible] [illegible] super locus cutem
et carnem [illegible] et ad lepram disposito[s] [illegible]
[illegible].

De veneno capitulum

Preter passiones superius notatas et
descriptas accidit ho[m]i[ni] gravissima
et periculosissima morbus et passio de veneno.
Venenum aute[m] cu[m] ex tota sua specie co[n]trarium
ho[min]is sit quasi subito interficit nisi remedi-
a citius apponatur. Venenum aute[m] aliud accidit
ex corruptione ciborum et potuu[m]. aut ex mor-
sibus venenosis ut serpentu[m] et quorundam
alioru[m] [illegible] et [illegible] sunt [illegible]
[illegible] corpora venenosa. ¶ Venenum a-
liud [illegible] sicut venenu[m] [illegible]
[illegible] et [illegible]. Quoddam est [illegible] et [illegible]
ut scorpionis quoddam [illegible] et [illegible] sicut
aranee. ¶ Venenum aute[m] serpentis narrat[ur]
in [illegible] ut dicit [illegible] venenosi.
Na[m] venenu[m] masculus acutius est [illegible]
[illegible] serpentis [illegible] [illegible] p[ro]ma
[illegible] et [illegible] [illegible] ut dicit [illegible]
[illegible]. Item venenu[m] [illegible] plus quam [illegible]
[illegible] et magnorum [illegible] in [illegible]
[illegible] prius et acutius est illorum qui habitant in
montibus et in silvis quam illorum qui habitant
iuxta litora et iuxta aquas. Item prius est
venenu[m] [illegible] et [illegible]
[illegible]. Item [illegible] acutius est in
estate quam in yeme [illegible] et facilius [illegible]
serpentis in meridie quam mane in die quam
in nocte quia calore resolvitur venenum usque
ad extrema quam in et in [illegible] et in frigore quam
in uno loco congelatur. Venenu[m] aute[m] [illegible]
et [illegible] et aliorum quorundam serpentum [illegible]
sunt [illegible] accidit [illegible] ab eis morsis stupor
et [illegible] [illegible] morsis [illegible] et [illegible] caloris

[illegible] p[ro]p[ter] [illegible] veneni [illegible] non in-
[illegible] corpus. Qui [illegible] et qui [illegible]
de veneno [illegible] non calefacit. Unde ve-
nenu[m] [illegible] non [illegible] [illegible] [illegible]
[illegible] [illegible] calore [illegible] [illegible] [illegible]
¶ Venenu[m] aute[m] reguli et basilisci tale est
[illegible] quod [illegible] corpora adurit
totu[m] super quod [illegible] [illegible]
[illegible] eius nihil [illegible] [illegible] volando
ex opposito [illegible] sui subito [illegible]
[illegible] [illegible] sibi propinquas [illegible] [illegible] mo-
ritur [illegible] solo aspectu venenoso eius vel flatu
vel sibillo cadit et moritur. et ille quem
mordet liquescit et inflatur et [illegible]
[illegible] et moritur subito. Tante est etiam
fortitudinis venenu[m] reguli quod etiam hasta
[illegible] tangens [illegible] hasta longitudine ve-
neni violentia [illegible] sicut narrat
Aug[ustinus] de quodam milite qui cum lancea tetigit
[illegible] talis [illegible] [illegible] [illegible] statim [illegible] mor-
tuus cu[m] [illegible] suo. Signa aute[m] lesionis
basilisci subito transmutatur corpus in [illegible]
et mors [illegible] in loco ubi regulus
[illegible]. ¶ Venenu[m] aspidis [illegible]
est [illegible] [illegible] semper infra duas horas
vel tres. Cuius morsus signa sunt ista coloris
[illegible] subita alteratio singultus multiplicatio
[illegible] [illegible] infrigidatio dormitatio
et palpebrarum profunda clausio. Siti pro-
vocat [illegible] [illegible] de [illegible] quod mo-
riatur sola siti. Venenu[m] etiam cuiusdam aspi-
dis [illegible] dicitur [illegible] eo quod [illegible] [illegible]
tu[m] suu[m]. dicitur quod est ita violentum quod inter-
ficit omne vivum quod tangit in [illegible]
interficit aute[m] [illegible] [illegible] [illegible]
[illegible] dolorem in [illegible] et viscera [illegible]
[illegible] [illegible] [illegible] oculorum [illegible] clau-
sio et profunditas cu[m] spasmo et [illegible]
colli et pulsu [illegible] non valet contra
illud venenu[m] aliqua medicina nisi sola
combustio membri in quo est vel cissio quia
combustio [illegible] venenu[m] et [illegible]

Ut venenum valeat ad cor penetrare [illegible] venenum enim draconis est multum mali [illegible] eius venenositas maior est in cauda et in felle. Istud venenum constringit maxime [illegible] cordis. Inflantur labia et [illegible] [illegible] et tenebrositas oculorum et sic destruitur [illegible] et mordicat et [illegible] [illegible] venenum scorpionis est mortiferum [illegible] [illegible] [illegible] [illegible] est punctura et sic pervenit ad cor patiens [illegible] et [illegible] sudoris [illegible] [illegible] sua [illegible] qui congelat et [illegible] mors et destructio animalis [illegible] [illegible] [illegible] volumus.

De morsu canis rabidi

Morsus etiam canis rabidi est mortiferus et venenosus. Nam ut dicit Const[antinus] canis frigidus est et siccus et colera nigra dominatur que mutata et putrefacta et dominans corpori canis et efficit rabiosum. Humositas [illegible] resoluta ex nigra colera [illegible] inficit cerebrum. Unde [illegible] discurrat ad diversas partes vas inficit et efficit venenosas. Unde cum aliquem mordet ex saliva venenosa [illegible] locum morsionis [illegible] humores et spiritus et trahit venenum [illegible] ad locum [illegible] generationis scilicet ad cerebrum et sic efficitur homo rabiosus. Qui si alium [illegible] cum inficit etiam rabidum illum facit. Unde tale venenum [illegible] est periculosum, tum quia diu latet tum quia se multiplicat. Aliquando etiam latet usque ad [illegible] revolutionem et tunc eadem die et hora qua fuit infixum rapere incipit et [illegible] facit. Hanc venenositatem sentiunt alii canes et fugiunt rabiosum et latrant super ipsum ad [illegible] ut dicit Const[antinus]. [illegible] cum [illegible] et nocivum. Accidit autem ista venenosa rabies maxime in [illegible] [illegible] [illegible]

[illegible] multiplicatur [illegible] [illegible] calore [illegible] dissolvitur et [illegible] per congelationem [illegible] [illegible] [illegible]. Canis vero venenositas [illegible] canis rabide quia [illegible] [illegible] [illegible] [illegible] et ipso ore lingua dependente et saliva [illegible] [illegible] [illegible] quia [illegible] in aquas inficit eas et bibentes ex eis [illegible] efficit et furiosos. Alias proprietates canis rabide [illegible] de cane. Morsus autem a [illegible] [illegible] [illegible] [illegible] et sic timorosi et [illegible] [illegible] [illegible] ab aliis [illegible] et sicut [illegible] etiam [illegible] et super omnia [illegible] aquam et abhorrent et sic [illegible] passio [illegible] [illegible] Const[antinus]. Ponuntur et multa alia venenosa et venenum periculosum [illegible] [illegible] [illegible] periculosius et [illegible] in scriptura divina et in aliis [illegible] est quoad [illegible] [illegible] [illegible] [illegible] advertere quod venenum [illegible] et infinita [illegible] [illegible] corpore [illegible] [illegible] tota sua [illegible] et [illegible] [illegible] [illegible] qui [illegible] tota [illegible] [illegible] [illegible] et [illegible] corrumpit et alterat sua [illegible] et [illegible] quod nobilius est in corpore [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] in cerebro et [illegible] [illegible] organa et corpus [illegible] [illegible] [illegible] [illegible] et vulnerat [illegible] et [illegible] inficit [illegible] et corrumpit [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nunc [illegible] nunc congelat nunc dissolvit nunc [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nunc [illegible] nunc [illegible] nunc [illegible] [illegible] per maculas [illegible] [illegible] [illegible]



[Margin: De morsu canis rabidi]

[illegible] [illegible] [illegible] extrahit materia
venenosa [illegible] abhominabilem et venenosam
[illegible] [illegible] et ipsa talia membra
[illegible] [illegible] penetrat et corrodit. propter quod
vna [illegible] [illegible] serpens constituens differt
bilem et sumitur eius dominatio naturam
in sua siccitate generat et venenosa ar-
noxiosa eos facit. Et ideo periculum est sanguine-
rum a veneno sunt infecta, quia per malitiam
semper infirmat et occupat omnia que
sibi sunt propinqua. Semper enim contingit quod
venenum in se sit corruptibile a natura et
virtute appetitiua, et ideo per se est propter aliquid
dulce et acetum vel gustu advertetur, que semper
sunt sapor dulcis et sapida celatur et latitat
sub veneno. Et ideo docet Constantinus homo
qui timet venenum non solum caveat a fri-
gidis et amaris verum etiam a dulcibus et sa-
porosis et salsis acutis et consimilibus que sub-
tilitate sua acuunt et vires veneni malitia
valent. docet et Constantinus per potissimum ve-
nenosa cavere per quem venenum in cibo vel
potibus est assumptum. Si quis sentit in cibo vel
in potu sensit arsuram et stringit fau-
cium spasmus vel tumor in digito vel in
lingula venenosum est et mortale. Sequi-
tur apparens signum veneni in digito et unguibus
quia fiet ex fumositatibus medicina sicut est qui ve-
nenum iam percepit [illegible] ex quo
[illegible] [illegible] ad [illegible] et sequitur [illegible]
Salivam effluit frenesi, et labia
fortiter [illegible] et in lingua ardor sudatio
sudaverit per [illegible] gustus [illegible] et obs-
curantur [illegible] opus ut festinet ad me-
dicinam alioquin cito morietur. Est igitur ge-
neralis medicina quod venenum in corpore ut
ponitur prouocatur et fit superius vel pre-
disteriis inferius venenosa materia evacuetur.
Unde tyriaca [illegible] [illegible] est et
consumptiva cum vino decoctionis [illegible] of-
ferat. Et hoc fiat tribus diebus, et debet
purgare et balneari cum [illegible] venenum

Cura venenosi

Ad utrumque fiat flebotomia et dieta debet ordinari
ut nutriat virtuosis et oppilatiuis re-
strictum ad cor ut venenum venenosus vapo-
re exaltare valeat. Itaque in hoc casu [illegible]
nos magnum et auellanas et ficus sicut at-
trahentia venenum et consumentia. et [illegible]
valent [illegible] post dicit et Constantinus
quod multum debet balsamum cum lacte mulieris contra
arsuram et dolorem ex rebus venenosis. Item
ibidem scribitur Andromachus dicit nullum fuisse
[illegible] confectum tyriaca nisi ad destruendum res
venenosas et sibi [illegible] quia venenum differt
[illegible] et consumit multum vires debilitata. Item
venenum virtute sua expellitur quia multa
complexio occulta [illegible] veneno [illegible]
Item membra confortat, et ideo eius qui violentiam
veneni ad resistendum vires attribuit, membra
enim tempore confortata. Quod si tyriaca haberi
non poterit et periculum est in mora, aliud ut
dicit Galienus quassetur et usque ad disso-
lutionem gallina grassa decoquatur, et talis
succus detur ad bibendum, venenosisque repugnat
et nervo suo interiori arsuram mitigat
et ideo tyriaca rusticorum ab aliis appellatur
Quare et [illegible] dicit ius galline [illegible] Const-
dicit et in libro de simplici medicina
repugnat veneno ipsum attrahendo ab inte-
rioribus calore et subtilitate sue substantie, sicut
gallus et gallina scissa supposita venenoso
morsui, quedam et repugnat similitudine
et subtilitate sue substantie cum substantia veneni, et ideo
sua similitudine venenum ad se attrahunt
ut [illegible] quod repugnat contrario sua propri-
etate, quedam composita vel simplici efficatia
a virtute sicut calamentum, [illegible]
grana cytri, ypericon, nasturtium, ruta, sal-
porrus, aristologia, nuces, [illegible], ruta
radix [illegible] et semen eius, balsamum, contra
[illegible] lac asine, urina pueri, [illegible]
[illegible] et asinum [illegible] et bibita
castoreum, alii gentiana, menta, diptamus
et multa alia similia, quia [illegible] multa sunt

nota de aleo(?) quod venenum

venenosorum pericula, ideo divina bonitas nostra nobis contulit antidota et remedia. Et pro presenti sufficiant ista narrata.

## De cautella et preservatione a morsu canis rabidi

Contra morsum canis rabidi et et aliorum venenosorum animalium solent aperire vulnus cum igne vel ferro ut cum sanguine extracto venenum effluat. Solent apponi sanguisuge et ventose, similiter ut venenum ab exterioribus trahatur. Solent dari interius que veneno repugnant ut tyriaca et etiam extrinsecus super ulcera cataplasmari, vel super morsum nuces pistate cum aleo mixte et sale. Et diascorides dicit quod cancri fluviales habent virtutem contrariam veneno. Et ideo docet quod tyriaca debet dari cum aqua [illegible] cancrorum [illegible] vel etiam cum genciana. Contra morsum vero hominis rabidi specialiter valet succus [illegible] cepe, ruta, nuces, alium, sal, fermentum, ficus, ruta et orobum, quia venenum attrahunt et sua caliditate venenum consumunt et siccitate dissolvunt. Contra morsum vel puncturam scorpionis valet oleum in quo demergitur vel demergatur scorpio. Si se ictus scorpio vel etiam alius tritus ponatur super vulnus utilissimum est, quia venenum revertitur ad vulnus unde exierat. Sic dicit Constantinus quod multum valet butirum bovinum contra venenum scorpionis, quia butirum unctuositate sua venenositatem oppilare dicitur ne venenum ad cor ascendat, et sua caliditate dissolvit ac consumit ipsum venenum, et etiam sua viscositate et humiditate [illegible]. Valent etiam cancri fluviales si cocti vel [illegible] vel ipsi cocti vel assati sint cum [illegible] lacte asinino, ut dicit Constantinus, et castoreum et sulfur quia venenum frangit et [illegible], quia utrumque est calidum et siccum in 4º gradu. Contra morsum vero colubri, vipere et serpentis venenum primo ventosis vel alio modo extrahatur, statim deinde vulneri vel puncture posita tyriaca

cum bono [illegible] vel [illegible] melius [illegible]. [illegible] tyriaca ponatur cum sale et [illegible] ruta. Si tyriaca defuerit apponatur [illegible] sale constringit [illegible] vulneris vel punctura sive morsus ne possit venenum sive venenosus fumus recipi ad interiora. Quarto debet interius in stomacho [illegible] cum hiis que veneno repugnant. Et dicit Constantinus quod contra hoc venenum valet [illegible] et succus malorum granatorum quia venenum dissolvit et [illegible]. Et hec de remediis dicta sufficiant.

Ad predicta autem contra varias infirmitates et pericula debita quia remedia videlicet medicinas confortationes et cautellas. [illegible] plus impedit sanitatem [illegible] quam ignorantia et negligentia medicorum.

Ideo ex parte igitur medici exigitur ut nichil de contingentibus obmittat. Ad hoc quod medicus efficiat opus suum, oportet primo quod cognoscat [illegible] bonitatem et [illegible] tam morborum quam etiam [illegible]. Oportet etiam cognoscere dispositiones temporum et virtutes [illegible] sive tempus vel [illegible] et conditiones [illegible] et etatis. Alia enim medicina exigitur in principio, alia in statu, alia in morbi declinatione, alia in progressu vel fine; et alia danda est pueris, alia senibus, et alia viris, alia mulieribus. Secundo oportet ut sciat [illegible] causas et [illegible] egritudinum et accidentia infirmitatum. Tertio oportet ut sciat naturas medicinalium [illegible] complexiones [illegible] radicum [illegible] et gradus diversitatis [illegible] qualitatibus [illegible] virtutibus medicinalibus [illegible] quam simplex, quam composita, quam calida, quam frigida, quam mitigativa, quam [illegible] et quam [illegible] vel [illegible] in sua [illegible] ratione sive suo posito et [illegible]. Quarto oportet scire [illegible] quantitatem, simplicitatem, [illegible].

Et infirm[illegible] vel debilitate non con
tinuat [illegible] et appetitu medici compescit
[illegible] medicinis et corpus sim
plex [illegible] et [illegible] morbis
fortioribus et maioribus curare debet
et tempore vel [illegible]. Et hec de medicina
et eius officio sufficiant in generali.

De medico et eius officio

De medico vero et eius officio notandum quod
prudens medicus infirmitat
[illegible] investigare et causas morbi et ac
cidentia debet, et per cognoscere per aspectum
et per tactum, per interrogationem et generaliter per re
[illegible] per sompnum et vigilias.

¶ Cognita igitur causa morbi, si materia est in
profundo vel [illegible] [illegible] utatur
attractivis ut deducat ad sua digestione.

¶ Curat quibusdam laxativis ut materia [illegible]
[illegible] purgationi [illegible]
vel per vomitum vel sudorem vel [illegible]
educat. Quia materia [illegible]
confortativis ut natura que debilitata [illegible]
fuit debilitata et lassata confortetur et [illegible]
[illegible]. Natura autem confortata vel [illegible]
[illegible] ut deperdita restauret paulatim
et natura [illegible] [illegible] restaurat fa
ciendi et [illegible] et [illegible] dicta ad [illegible]
quod natura [illegible] plus appetit quam possit digerere.
Non sanat remedio debet uti [illegible]
[illegible] qualia sunt [illegible] [illegible]
[illegible] tempestata [illegible]
[illegible] calor naturalis [illegible] a superfluis
humoribus [illegible] et digestiva [illegible] adiuvat
et [illegible] [illegible] quibus [illegible] [illegible]
medicina [illegible] repleta dissolvit [illegible]
[illegible] humores aut dissoluta constringunt
aut deperdita [illegible] restaurat. ¶ Colligitur igitur quod bonus
medicus et prudens per artem medicine [illegible]
[illegible] [illegible] infirmorum et [illegible] [illegible]

¶ [illegible] infirmitatum [illegible] et morborum [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible]

confortat vel [illegible] operatur et preparat.
Quod occulta et [illegible] membra tangere
non erubescit, [illegible] [illegible]
et [illegible] [illegible] et [illegible] [illegible]
dolentis [illegible] [illegible]
[illegible] vel clamare [illegible]
[illegible] non [illegible]. Amaritudinem [illegible]
[illegible] aliquam dulcedinem [illegible] [illegible]
medicine amara [illegible] [illegible] [illegible]
[illegible] potest cibo [illegible] [illegible] et [illegible]
[illegible] et illud [illegible] salutem [illegible]
[illegible] suo [illegible] [illegible] amicus
et [illegible] [illegible] [illegible] et
[illegible] [illegible] [illegible] intra
[illegible] doloribus [illegible] curat [illegible] [illegible]
[illegible] morbidis [illegible] est periculum. Ca
[illegible] ut [illegible] fiat [illegible]
plus [illegible] [illegible] [illegible] iudex
illud [illegible] [illegible] [illegible]
[illegible] aut [illegible] [illegible] et [illegible]
[illegible] fallax est, et non [illegible]
Considerat autem prudens medicus ma
[illegible] sive [illegible] et [illegible] et
[illegible] [illegible] variat medicinas.

¶ De qualitate autem medicine [illegible] quod
medicina attractiva operatur per suam [illegible]
et per calorem. Natura sua subtilitate [illegible]
[illegible] et calore suo [illegible] [illegible]
[illegible] sive [illegible] sive humores qui latitant
in profundo. Medicina digestiva vel [illegible]
dura [illegible]. Medicina vero laxativa
purgat digesta [illegible], et apta ad [illegible]
[illegible], quedam laxant sua viscositate
lubricitate, ut mirabolani [illegible] et
[illegible] quedam suo [illegible] humores [illegible]
ut [illegible], quedam sua glutinositate [illegible]
[illegible] sicut [illegible], quedam sua sal
[illegible] [illegible] [illegible] ut [illegible]
[illegible] quedam sua dulcedine et
[illegible] [illegible] [illegible] ut cassiafistula.
Medicina [illegible] operatur per suam [illegible] grossa [illegible]

ut galla. Et quod iustum [illegible] [illegible] communa [illegible]
[illegible] que appellantur quod sanguinem
[illegible] ut [illegible] dolus [illegible]
[illegible] et [illegible] quod [illegible]
[illegible] et [illegible] ut [illegible]
[illegible]. Sunt enim multe alie
species et differentie [illegible]
[illegible]
[illegible] et [illegible] [illegible]
de simplici medicina. Et de proprietatibus
medicinarum et [illegible] conditionibus
et morborum [illegible] id plus
constat opusculum [illegible] [illegible].

Incipit liber octavus de proprieta-
tibus mondi sensibilis

Postquam auxiliante
deo tractatum est de
divinis nominibus et de
angelorum proprietatibus
necnon et de homine et eius
partibus accidentalibus et de ipsius conditionibus
consequenter restat nunc ut ad proprietates
mundi sensibilis quantum nobis dabitur consequenter
manus apponamus ut magis divine
laudis ex proprietatibus rerum et operum
possimus elicere conditoris. Invisibilia
enim dei per ea que facta sunt intellecta conspi-
ciuntur ut dicit apostolus. Et ideo aliquas
mundi eius et quarundam ipsius proprietates
huic opusculo sub brevi compendio inser-
ere proponimus ut per similitudinem
proprietatum corporalium intellectum spiritualium
et misticorum facilius in divinis scrip-
turis intelligere valeamus. De proprietatibus
itaque mundi sensibilis incipiamus. De pro-
prietatibus mondi sensibilis

[margin: [illegible] tatibus mondi [illegible] sibilis]

Mundus namque ut dicit [illegible]
dicitur tribus modis [illegible]
[illegible] intellectus [illegible]
incorporeus et insensibilis [illegible]
ad cuius exemplar mundus sensibilis
est creatus. Sicut dicit [illegible] tu cuncta
superna ducis ab exemplo pulchrum pulcherrimus
ipse mundum mente gerens similique in imagine
formans [illegible]. 2° modo dicitur mundus
universitas corporum que celi ambitu continentur
ut celum in quo sydera lucent, ignis quo
omnia calent, aer quo cuncta viventia spirant
et vivunt, aqua que terre latera
circumcingit, terra que omnia nobilia sustinet
[illegible] atque vestit. De quo dicitur mundus
factus est. 3° dicitur homo minor mundus
de toto mundo [illegible] [illegible]
Est itaque primus mundus [illegible]
[illegible] [illegible]. 2° mundus
corporeus est et divina voluntate et [illegible]
[illegible] et origine ex nihilo creatus. [illegible]
[illegible] quid est corporeus et [illegible] quod est in
divinis [illegible] [illegible]
[illegible] mundo et 2° in proprietatibus
dictum est. Nunc de mundo sensibili ali-
quid dicendum.

De diffinitione mondi

[margin: [illegible] diffinitione mundi]

Mundus igitur ut dicit [illegible]
est universitas creaturarum [illegible]
[illegible] mundana [illegible]
et [illegible] et figura [illegible]
[illegible] dicit [illegible] alia figura mundo
ita congrua sicut est orbicularis et ro-
tunda et hoc propter [illegible] perfectionem
et propter illam quia [illegible]
[illegible] suo [illegible] qui [illegible] et [illegible]
configuratione. Totus mundus dicit [illegible]
[illegible] in duas partes dividitur quarum
nobilior et simplicior est pars superior
et [illegible] a circulo lune [illegible] super [illegible]
dens usque ad planetarum regionem [illegible]

[illegible] passiua q a lunari
[illegible] usque ad centrum terre subiecta
[illegible] / Et istum particularem
modum inferiorem sic describit. Aque
[illegible] mundus [illegible] elementum
elementum [illegible] totum firme mundum
conglobans terram in medio undique distrahens
[illegible] et [illegible] capacibus [illegible] ad
[illegible] contrarias compositiones curauit diui
na [illegible] primordialem materiam in qua
velut in quadam massa potencialiter [illegible]
[illegible] elementa, dico non distincta sicut modo
[illegible] permixta et ista massa illa
a platone in thimeo est vocata, ex qua
diuina sapiencia omnia elementa et elementata
composuit et produxit / Et propriis
qualitatibus et regionibus ordinauit singula
et distinxit. Nam quod in illa materia
fuit massa calidum fuit et [illegible] residit
in materia et hanc ignis quam [illegible] sublimitatis
diuina sapiencia superius collocauit.
Quod uero frigidum et [illegible] in fumo fuit et
residet in [illegible] terre, quia sua ponderositas
et [illegible] inferius posuit. Quod autem
calidum fuit et humidum [illegible] residet aeris
Quod uero frigidum et humidum [illegible] ad con
[illegible]. Et hec duo elementa in maiori
et minori [illegible] et [illegible] statuit
[illegible] in medio ignis et terre col
locauit. Hanc ita materiam primam plato pro
ponit in thimeo sic describit. Fuit igitur
illa prima materia sine [illegible] sine [illegible]
sine [illegible] sine loco sine tempore inter
aliquam formam et nulla, / Et hec [illegible]
[illegible] dissimilia [illegible] sic exponunt que dicit
fuisse sine quantitate non que fuit sine omni
[illegible] sed que non fuit determinata quantitas
quo ad nos, sicut [illegible]
[illegible] aliorum corporum quantitatis [illegible] etiam
sine qualitate dicit / non que fuit quantitatis
aliquis specialis [illegible] non [illegible] potuit plus

[illegible] que sua dicitur [illegible] et sic de aliis.
Sine calore dicit que non fuit aliquem
calorem [illegible] ab aliquo elemento [illegible]
tempore fuit que nondum fuerat [illegible] et
[illegible] uicissitudines [illegible] forma est
creata / Sine loco etiam fuit que non fuit
determinatum locum, plus sursum quam deor
sum nec plus in latum quam in longum.
Et inter aliquam formam et nullam que nulla
forma [illegible] [illegible] sed aliquid est creata.
Tantum quod primum mundi infirmacionis fuit prima
materia [illegible] prima materia [illegible] omnium
formarum et quantitatum fuit susceptibiles
quod est [illegible] diuersis formis et speciebus conseruat.
[illegible] materia quantum ad se incorrupta [illegible]
[illegible] ad qualitates transmutabiles
alterat, que illa materia quando modo per rarefac
tionem induit formam ignis et est sub igne
[illegible] per condensationem induit formam aeris
[illegible] sub [illegible] materia aeris [illegible]
[illegible] fuit ignis, ex quo patet quod prima materia ex
qua mundus [illegible] constat est ingenerabilis natura
et incorruptibilis, et a qua omnia [illegible]
incipiunt, et in quam [illegible] ad ma
teriam / Mundus est unus numero, et non
plures mundi, et hoc propter unitatem
sicut dicit in libro primo celi et mundi. / Oc
cupat [illegible] totam materiam suam sicut ibi dicit
in [illegible] et [illegible] / Mundus [illegible]
et quo [illegible] non est dissimilis [illegible]
[illegible] quamuis in ipsius partibus
inueniatur [illegible] quo ad aliquam [illegible]
repugnanciam / Summa uero et ultima
habet mundus in suo toto conuenientiam
et quandam musicam armoniam, quamuis
in aliquibus eius partibus propter repugnantes
qualitates aliquam pati dissimilitudinem
[illegible] / Sicut [illegible] dicit super [illegible] Aug.
transibit autem mundus [illegible] quo ad ista
passibilia quam non habet speciem et figuram
[illegible] in esse perpetuo quo ad
[illegible] et [illegible] sicut [illegible] Aug. et dicit
glo. super [illegible] celum et terra transibunt

Ex quo p[atet] q[uod] mundus ro[n]e sue mutacio[n]is

est [illegible] sic q[ui]d[e]m admirandus ut h[abe]at ille

[illegible] nobilitate et forme vnita-

tem et actualitate et p[ro]p[ter] q[uo]d productio[n]is

et c[on]s[er]uacionis [illegible] fac[i]l[e] pot[est] no[m]i[n]a[ri]

q[uod] mundus tamq[uam] mundi opifex deus

sup[er] o[mn]ia est laudandus ¶ Nulla v[ero] est

tanta vilis et minima i[n] toto mundi ma-

china pars seu p[ar]ticula in qua totam

in ma[teria] q[ua]m i[n] [illegible] forma deo re-

lucat laus diuina Na[m] et in m[ateri]a et

in forma est q[ue]dam dei [illegible] tu[m] animata

et pars firma, Nam ista pars mundi q[ue]

s[uperi]or nam [superi]or est simplicior et nobilior

vniformi h[abe]t inclinacione et appeti-

tu ad nobiliores forme p[er]fecciones et

que sp[irit]ualior est magis inclinabilis

ad forma[m] sp[irit]ualiore[m] Vn[de] m[ateri]a celestis sim-

plicior est et nobiliore[m] recipit et exigit

forma[m] q[uam] elementaris et et ip[s]a m[ateri]a

celestis nobilior est et simplicior in nobi-

liori s[ci]l[icet] ut in sole q[uam] in luna mercurio

vel marte, materia aut[em] elementaris

nobilior est et in igne q[uam] in aere vel i[n]

ceteris elementis Vn[de] grossior est m[ateri]a

in terra q[uam] in aliis. Na[m] ibi s[unt] partes p[ar]tes

congregate me[n]s[ura] [illegible] Vn[de] dicit q[uod] ex

vno pugillo terre fiu[n]t decem aque

ymo m[ateri]a vni[us] elementi purior est

in p[ar]te vna q[uam] in alia, sicut dic[it] i[n] p[rim]o

met[h]aur[orum] p[ar]tes eni[m] ignis superiores

nobiliores s[unt] et simpliciores, et partes

terre centrales s[unt] grossiores et q[ua]par-

tiores et impuriores, Cum v[ero] partes

mixtorum fiunt ab elementis s[ecundu]m q[uod] partes

elementares fu[eri]nt puriores vel nobiliores

fiu[n]t mixta simpliciora et puriora et [illegible]

q[uod] c[om]plexio est in mixtis nobilior, itaq[ue] m[ateri]a

mundi constituta nobiliore[m] induit forma[m]

et io solet dispo[n]i m[ateri]a s[ecundu]m q[uod] exigit ip[s]a

forma [illegible] ut [illegible] terre [illegible]

[illegible] et d[illegible] et sp[irit]ualior et si-

plicior est [illegible] Vt sic [illegible]

s[uperi]or [illegible]

ut [illegible] forme sp[irit]ual[is] [illegible]

Considerat itaq[ue] mundi nobilitate[m] [illegible]

p[ar]tes [illegible] et [illegible]

io p[ar]tes mundi superiores [illegible]

ibi est m[ateri]a purior forma pulchrior [illegible]

virtus amplior in superiori[bus] [illegible]

v[ero] mundus in [illegible] et [illegible]

redditur [illegible] partes mundi [illegible]

superioris pulchritudine[m] [illegible]

insignes sicut dicit Augustinus Na[m] [illegible]

claritate et virtute [illegible] in superiorib[us] [illegible]

[illegible] ad [illegible] inferiorum et [illegible]

continue s[e] diffundit Vn[de] et [illegible] infima

pars mundi [illegible]

[illegible] recipit in [illegible]

et virtute. Vo [illegible]

terre virtuosa [illegible]

[illegible] flores [illegible]

varia animalium et reptilium in terra pro-

ductio[n]e gemmarum metallorum et lapidum

[illegible] cla[illegible]

diu[er]sitate [illegible] Ex quib[us]

mundus tam laudabilis [illegible]

[illegible]

[illegible]

[illegible] ad [illegible]

subiectus ¶ Qualiter mundus sit mi-

ser[abilis] a[nim]a[e]

Qualiter mundus sit miser[abilis] a[nim]ae

N[on] in mundus est [illegible]

[illegible] et [illegible]

[illegible] est [illegible]

est [illegible] inferiora [illegible]

miserabilis et [illegible] Nam mundus [illegible]

[illegible] et transgressione [illegible]

et [illegible] doloris et lacrimarum

laboris [illegible] fatigacionis [illegible] et [illegible]

mortis et mutacionis [illegible] et alteracionis

transitus et corrupcionis [illegible]

perturbacionis violencie et oppressionis

fraudulencie et [illegible] ¶ In mundo

nihil aliud inuenitur q[uam] vanitas [illegible]

C[illegible] diversitas et fertilitas et de[illegible]
[illegible] quandoque notos alicit et diligit
[illegible] corrumpit. quandoque multis obi[illegible]
[illegible] prodest. Amatores suos decipit et
fallit. Nam multa promittit sed ad ul-
timum pauca solvit. Contemptores suos
[illegible] undique insequitur et apprehendit. Non
desinit. Sed suos sequaces fugere satagit
et contempnit. Et eos illos quos maxime
diviciis et honoribus hic extollit, in fine
maxime depauperat et dampnat. Et ut
dicitur vite beati Gregorii, fugiendus est
mundus et si prosperis demulceat, qui
ergo tot calamitatibus pulsat, quid aliud est
quam ut deseratur clamat. Et hec de propri-
etatibus mundi in generali dicta sufficiant.
Ille descriptione prosperitatis mondi

Nunc ad describendum proprietates aliquas
de celo et eius partibus Christo adiu-
vante manum apponamus. Nam celum
angelorum et hominum beatorum locus est et ha-
bitaculum ut dicit Beda. Celum autem secundum
sanctorum traditiones aliud est visibile
et aliud invisibile. Celum autem visibile
est in triplici sicut quod dicit glossa. Dum homo
Christo [illegible] celi [illegible] est, et
celum celi domino. Septem sunt celi scilicet aereum,
ethereum, olimpium, igneum, firmamentum,
aqueum et empireum. Celum scilicet angelorum.

¶ Celum itaque aereum vocatur medium aeris
interstitium quod a grossis vaporibus aque
et terre non [illegible] est infectum. Unde
[illegible] purior et ab inferioribus
qualitatibus impermixtior propter sui puritatem
et diafanitatem sive aliam transparentiam
celum nomine nuncupatur sic dicitur super genesis
quod volucres celi comederunt illud etc. ¶ Ce-
lum vero ethereum secundum quosdam vocatur
supremum aeris interstitium quod immediate
spere ignis contiguatur. Et dicitur ethereum
a splendore quia illud medium habet ignis

et aeris confinium ad ignem est illuminationis
et splendoris receptivum. Ethereus enim grece
splendor dicitur latine ut dicit Ysidorus plus
tamen luminis quam alterius qualitatis. Celum vero
igneum vocatur secundum quosdam tractus spa-
cii [illegible] ignis puritatem [illegible]
et summam quia ibi [illegible] elementis
actualitate. Et propter quasdam alias no-
biles [illegible] suas [illegible]
orbis planetarum [illegible]
[illegible] super locum illum [illegible] celum
et [illegible]. Nota etiam
[illegible] tota regio a luna usque ad stellas
fixas in qua [illegible] et circulis planetarum
[illegible] proprie [illegible] quod
super hoc sentiat [illegible]. ¶ Alex. sic ordi-
nat hos celos dicens quod celum est luminis
datiuum uniforme et non motum scilicet celum
empireum. Secundum dicit esse donatiuum luminis
uniforme et motum scilicet aqueum vel cristallinum
[illegible] datiuum luminis non secundum omnem partem lu-
minositatem uniformem et motum ut celum
stellatum. Quartum est receptiuum luminis sine
calore ut celum olimpium. Quintum est receptiuum
luminis cum calore ut celum igneum. Sextum est
receptiuum luminis quantum eius parte superiori
et dicitur celum ethereum. Septimum est receptiuum
luminositatis quantum eius parte inferiori
scilicet aereum et sic videtur vocare olimpium
regionem orbium planetarum, quia illud spa-
cium continue est luminosum. ¶ Firmamen-
tum autem vocat celum [illegible] secundum philosophos et
[illegible] in cuius convexitate sita sunt
corpora siderum et stellarum. Alia philosophi non nomi-
nasi solum celum [illegible], ymo ut dicit Basilius
in exameron, [illegible] suas linguas
potius [illegible] quod plures sunt celos
consentiunt. Illud autem celum scilicet firmamen-
tum Alexander sic describit in libro de causis ele-
mentorum. Celum inquit est [illegible]
quod ab elementis inferioribus discretum
[illegible] ad distinctum [illegible]

Quia tunc descenderet posset usque leve generetur
forsan ascenderet quia si unum est passivum vel
est compositum ex contrariis ingredientibus in ipsum cor
ruptio possibilis vel perturbatio. Primum sic
dicitur illud in creator posuit extra iam et
generationi et corruptioni et ideo
necesse fuit ipsum esse ingenerabile et incor
ruptibile nec pro generatione vel
corruptione fuit [illegible] abire. Est infinitum
Est autem illud centrum inquietum et mobi
litate cuius motus est revolubilis super
medium scilicet super axem qui stat fixus im
mobiliter inter duos polos scilicet meridiona
lem et septentrionalem. Et est illud celum
finitum quo ad dimensionem et locum extrinse
cum; sed infinitum est quo ad motum. Mo
vetur autem a motore infinite potentie scilicet
a deo qui est sublimis et gloriosus in secula
seculorum dicitur in libro de causis elementorum.
Vocat autem duos polos duas stellas in
summis celi extremitatibus in ipsius medio super
ius et inferius collocatas. Quarum una superius
est posita in medio celi ad septentrionem
et dicitur polus articus dicta quia circa ar
tum [illegible] polus positus inter istos polos que sunt
inter duas extremitates celum movetur ab ori
ente usque ad occidentem et ab occidente usque
ad orientem. Et sic semper uniformiter sicut
rota movetur circa axem. Unde axem vocat
dicitur quandam lineam intellectualem protra
ctam a polo usque ad polum antarticum con
[illegible], circa cuius medium totius celi am
bitus equaliter volvitur sicut [illegible] dicit commen
tator. // De istius celi natura dicitur in libro de
celo et mundo secundum novam translationem. Celum
inquit est unum compositum in materia continet
omnem materiam ex qua celum vocatur. Quod est
ultimus circulus totius universi et stelle
in [illegible] non sunt nec fuerunt [illegible]
celi multi. Celum est unum perfectum [illegible]
[illegible] cui hoc est [illegible] nec est locus extra celum
neque corpus neque vacuitas neque [illegible]

neque tempus quod est numerus motus [illegible]
est vita bona scilicet est ultima [illegible]
que neque deficit neque finitur [illegible] vita
bona. Item idem dicitur. Celum non fabri
catum est neque generatum sed semper est cuius
motus est equalis in quo non est diver
sitas, et est motus eius singularis circu
laris cuius motor est spiritus qui sua
voluntate movet illud et [illegible]
radius celi cum radio ignis et [illegible]
est cum illo ad utilitatem hominum [illegible]
[illegible].

Capitulum de firmamento celi

Hoc firmamentum usque vocatur celum
quod solidum est et firmum quia
terminum est intransgressibile. Unde propter
nimiam firmitatis sue permanentiam incor
ruptibile est et immutabile [illegible]
[illegible] forma. Est autem forma eius
sperica et [illegible] quo ad nos
[illegible] quo ad ea que sunt super celum.
Cuius motus [illegible] circularis est et
movetur oblique et circulariter ab ori
ente in occidentem volvitque secum et [illegible]
[illegible] motum [illegible] uniformiter infra
diei et noctis spatium. Totumque sub ipso est
usque ad ignis regionem unde orbes [illegible]
planetarum secum rapit et [illegible]. Unde
autem quod sub ipso est ut [illegible]. Unde
eius motus [illegible] ordine [illegible]
et perturbato utrumque eius motum [illegible]
[illegible] super exponit [illegible]
[illegible] usque in hec inferiora elementa
[illegible] et igitur superior [illegible]
[illegible] quoque [illegible] motum [illegible]
usque ad aerem et etiam usque ad aquam [illegible]
quibus quo ad formam et influentiam [illegible]
[illegible] maxima [illegible] // [illegible]
tria elementa scilicet aer ignis et aqua

[illegible] motu [illegible] sine uno modo [illegible] mutantur [illegible]
[illegible] minus est [illegible]
[illegible] maioris quam minus est tale
[illegible] et ordo minime terra [illegible]
[illegible] et motum non obedit ut susci-
piat ab eo ordinem motionis. Quos ad pro-
ductiones [illegible] diversas suscipiat
[illegible] dispositiones. Sic igitur firmamentum
[illegible] obtinens [illegible] quo
admovetur uniformi ordine vel ordina-
te et inperturbate. Quod si motum
[illegible] voluntate motus
[illegible] mundi machina dissolvetur [illegible]
ordinato motu planetarum [illegible]
[illegible] motus [illegible]
quoque [illegible] in [illegible] situ
[illegible] variat
[illegible] turbatur [illegible]
et in [illegible] fluctuantibus [illegible]
orbibus ordinis sui [illegible]
[illegible] motibus [illegible]
est [illegible] solis et [illegible]
[illegible] motum aliorum. Est enim [illegible]
[illegible] generationis et corrup-
tionis in mundo inferiori [illegible]
[illegible] est ut dicit Rabanus quod firmamentum
[illegible] generationis effectiva
ad terram [illegible] ad proprium centrum [illegible]
[illegible] radios suos [illegible]
[illegible]
[illegible]
[illegible]
[illegible] radiorum
[illegible]
[illegible]
radios [illegible] alteri [illegible]
[illegible] tanto [illegible]
[illegible] ad alia est fortior [illegible]

[illegible] in centro effectu suo. Et quo
manifestum est quod [illegible] celi sit [illegible]
[illegible] et [illegible] et terra [illegible]
obtinuerit [illegible]
in terra [illegible] maxima [illegible]
radiorum [illegible]
maxima [illegible] producuntur [illegible]
in terra que est centrum [illegible]
Et quia celum sit generationis [illegible]
[illegible] generationi [illegible] vel corruptioni
[illegible] Nam
celum in [illegible] simplicitatem
uniformitatem [illegible] nullam [illegible]
per [illegible] divisionem vel [illegible]
et [illegible] nulla [illegible] potentia ad [illegible].

Unde sic arguit Aristoteles in libro de celo et mundo
[illegible] corruptio est [illegible]
[illegible] quam celum non corrumpatur.

Celum enim cum in se [illegible] sit uniforme
[illegible] in centro plures orbes et circulos
in figura et magnitudine longitudinis
et latitudinis differentes propter diversas
mansiones quibus indigent
ut dicit Aristoteles in libro de causis elementorum
[illegible] Nam si [illegible] dispositum et [illegible]
[illegible] incipit mundus inferior [illegible]
[illegible] radiorum [illegible] alimentum mortalium
et generatio [illegible] inferiorum. Et [illegible]
[illegible] motu celi [illegible] obliquum ut excl-
[illegible] et dispositione orbium [illegible] calor
[illegible] frigus in centro [illegible] si
[illegible] celum moveretur quo ad [illegible]
sicut [illegible] vel frigore vel
calore in [illegible] confunderentur
ut dicit Aristoteles [illegible] attendit in celos
[illegible] et [illegible] ex parte
[illegible] et pulchritudo et claritas
ex parte [illegible] dicit Aristoteles in libro de [illegible]
[illegible] celum ex sui [illegible] splendidum
est [illegible] est [illegible] nam in

stellis est maior quingentesies [illegible] quia in aliis
partibus ipsius celi dicitur esse propter forme scilicet ro-
tunditatis convexitatis et concavitatis
suum claritatis dyafanitatis sive trans-
parentie et perspicuitatis et uniformitatis in toto
et partibus diversitatis de mutuo cursu or-
bium et motu septem planetarum ut dicunt
et apparent quare generatur in armonium
suavitate unde Macrobius in secundo [illegible]
impulsu et motu ipsorum orbium efficitur
sonus ille qui armonia in generalibus tem-
perans equale sonum efficit et concentum [illegible]
Preter hoc dicit Isidorus de calore mundo in-
fluere quod celum motu suo continuitate in-
flamat illud super quod movetur unde et
ether ex motu celi igneus motus [illegible]
causat calorem unde videmus quod est sensi-
bile [illegible] quod ex motu fit calor
et ex quiete frigus. Et ideo calor magis [illegible]
let et dissolvit frigiditas vero aggregat
et constringit. Unde partes elementorum motui
celi vicinius existentes ceteris partibus mun-
di inferioris sunt calidiores ut patet in igne
et aere. Sed in tertio elemento est motus
debilitas et ideo in ea est frigiditas sed non in
ultimo. Sed in quarto elemento scilicet in terra propter nimiam
elongationem a motu celi fit constrictio
in ultimo propter caloris absentiam et dominium
frigoris. Et ideo terra permanet constricta et p-
[illegible] ut non moveatur ut dicit [illegible]
[illegible]

De nobilitate celi

Nobilitas itaque celi attenditur in sub-
stantie simplicitate puritate et pro-
prietate in forme claritate dyafanitate sive
perspicuitate et in spera orbicularitate in
motus uniformitate velocitate et virtuositate
in situs sublimitate quia quo ad situm a
centro terre maxime distat in dimensionum
quantitate quia eius magnitudo ymaginationem
ymaginationis mensuram [illegible] propter potestatem
qua omnia inferiora sibi subiecta regulat
ordinat et mensurat [illegible]
[illegible] mirabiliter omnia inferiora [illegible]
ordinat et fecundat. Et [illegible]
[illegible] aliquam bonitatem [illegible]
aliquod sibi [illegible] in natura in [illegible]
aliquid in celesti corpore se conformat.

De celo aqueo sive cristallino et eius potentia

Sextum celum est aqueum sive
cristallinum quod ex aquis [illegible]
super firmamentum [illegible] potentia
est firmamentum. Aquas enim esse super celos
collocatas divine scripture auctoritas nobis
tradit. Que ita sunt [illegible] et [illegible]
quod in natura celesti sunt [illegible]. Et ideo
permanent ibi [illegible]. Beda in [illegible] quia
[illegible] celestes non temporali [illegible]
sed [illegible] soliditate [illegible]
[illegible] firmamenti sunt suspense et
[illegible] vel ad [illegible] firmamenti [illegible]
[illegible] vel ad caloris [illegible] ex eius
[illegible] impetu [illegible]. Opi-
nio eius fuit [illegible] quod celum igneum sit
ut sicut platonici posuerunt. Unde dicit
Beda. Celum est subtile et igneum [illegible] totum
[illegible] a centro terre equaliter [illegible]
[illegible]. Et ideo forte Beda videbatur quod ideo
[illegible] fuit [illegible] aquas ut calor ille
celestis ad temperantiam [illegible]
celi [illegible] mundus inferior [illegible]
[illegible] dispendium. Ex [illegible]
super firmamentum [illegible] ponitur [illegible]
[illegible] stella Saturni [illegible] frigida
propter illa [illegible] sive [illegible] fir-
mamento [illegible] dicit [illegible] quod fir-
mamentum [illegible] aquarum [illegible]
[illegible] sibi magis

proximum [illegible] Sed qualiter-
cumque [illegible] nabile non est perspicue
[illegible] manifestum. Nam nec assigna-
[illegible] qualitas sue scilicet huius [illegible]
[illegible] ignee primi sit signa non est du-
bium [illegible] qualitate materie corpora tam dis-
taria possit unitas et concordia aliqualiter
[illegible] Et sic scriptum est Job 38° quis
ponit concordiam in sublimibus suis / Ideo
alio modo sentiunt et opinantur moderni quod
super locum [illegible] spericam profunditatem et
[illegible] sunt [illegible] / dicit enim [illegible]
aque [illegible] quod super celos sunt [illegible]
[illegible] sicut fluviales et [illegible] vel
etiam sicut solent congelari et ponderosi sic
enim proprietates [illegible] et [illegible]
[illegible] sibi mutuo repugnantes sed potius
[illegible] ordinationem divine potentie et quod ille sunt
super firmamentum sunt sed nobilissima
nature sue actione divine conditoris
prout [illegible] celesti magis sunt propinque
Et hec quidem est natura et proprietas perspicuitatis
et transparentie quod [illegible] et similiter [illegible]
in natura aque / [illegible] [illegible] sunt [illegible]
et in celo empireo et in firmamento
Et ideo posuit deus aquas infra [illegible]
frigide et humide [illegible] suis qualitatibus nec-
cessarias ad generationem et corruptionem
Sed easdem posuit superius in [illegible] perspicuas
prout fuit necessarium ad universitatis
[illegible] Et ideo dicitur illud celum esse
[illegible] aqueum et cristallinum [illegible] mo-
bilitatem et perspicuitatem / Est enim perspi-
cuum [illegible] cristallinum a superiori celo scilicet ab
empireo / lumine vel luminositate [illegible]
[illegible] recipiens et [illegible] ad in-
feriora celum efferens et diffundens
Et ideo dicitur celum quod est a nobis invisibi-
le et occultum cristallinum [illegible] quod durum
est in summo sicut cristallus sed quod unifor-
mis est perspicuum et illuminosum [illegible]

-eunt dicitur ad modum aque que de sua soliditate
et mobilitate movetur et illud motum mo-
vet celum proximum et illud ulterius movet
quod est sibi plus propinquum et ideo
celum quod movet inferiora inferius mo-
bilium est propter [illegible] ut dicit Alexander.

De celo empireo

Celum empireum est primum et summum
celum locus angelorum et [illegible] ha-
bitaculum civium beatorum et dicitur empireum
id est igneum quia totum igneum scilicet dictum non
ab ardore sed a lumine et splendore
ut dicit Ysidorus. Istud enim celum supremum
est lucidum [illegible] lumine et splendore
suo celum cristallinum scilicet proximum et propin-
quum. Est autem de sua [illegible] uniforme sine
stellis et sine forma ut dicit Damascenus
Ideo autem est spericum ut corpus spirituale
et corporale aliud sit contentivum / Est etiam
naturale [illegible] immobile scilicet et immotum / Unde istud
celum non est necessarium propter continuationem gene-
rationis inferiorum / sed potius ut dicit Alexander
ad completionem universi in quantum corporum
sunt determinata forma ad modum [illegible]
ut sint operatum in summo / et lucidum
in summo scilicet celum empireum et utrumque
scilicet supremum et summum est et est immobile
et [illegible] Istius celi proprietates dicit
Alanus [illegible] in [illegible]
[illegible] sit / Celum empireum est corpus
primum natura simplicissimum et corpulentia
[illegible] minimum quod subtilissimum primum mun-
di fundamentum capacitate maximum [illegible]
lucidum figuratione spericum / locale situ sup-
premum quod a centro situ remotissimum
amplitudine spatium et corporum visibilium
et invisibilium continens Dei summi habitacu-
lum [illegible] deus sit ubique tamen specialiter dicitur
esse in celo quia ibi relucent potentissime
sue virtutis opera. Et ideo celum dicitur specialis
sedes dei [illegible] mundi [illegible] celi pulcrior

est ut dicit damascenus et in celo divina
virtus magnificentius operatur. De ethere et
de eius proprietatibus

Ether quem splendorem dicunt latini
est locus super ysydorum superior regio
supra [illegible] aeris et ignis ubi est
purissimus splendor lucis siderum. Ana
xagoras autem dicit nomen etheris esse [illegible]
nam ignis et hoc putavit ut dicit [illegible]
propter eius inflationem que causatur ex ve
locitate sui motus. Unde secundum ipsum [illegible]
[illegible] vigora. Omnia inflamans et inflama
bilia vocatur hoc nomen. Marcianus autem
dicit quod ether est locus ab inferiora mun
do separatus et mutabilibus et inferiorem
qui patitur multiplicem variationem. In ethe
re ubi est dies perpetuus nox diurno
lumini non succedit, nec mirum quia ad tam
altum locum umbra terre que est causa noctis
in ethere non attendit [illegible] in libro meth.
Ether nichil aliud est quam quintum elemen
tum, nec est ex elementis quatuor, gradiens
super lunarem globum est [illegible] est separ
rate a natura inferiorum elementorum. Unde
ether neque est levis neque est gravis ne
que [illegible] neque densus neque alterius sub
penetrationem divisibilitatis. Natura hec
etheream nulla ingreditur corruptio
vel alteratio vel mutabilitas vel particularis
que ei accidat si ex elementorum compositio
nem aut originem traxisset. Anaxagoras
tamen dicit quod ether est aer inflamatus
et dicit quod quidam descendit inferius et
in terra occultatur, unde propter sui subtilitatem
nec sursum nec deorsum regitur. Unde terre
motus generantur ex virtute etherea
in terre visceribus occultata. Et dicit [illegible]
quod iste sermo verior est quam stelle non
descendit [illegible] ut [illegible] si descenderet [illegible]

operationem non facit [illegible] autem
splendor ethereus [illegible]
totius mundi [illegible]
tenet [illegible]
movetur contra motum [illegible]
ita quod pars etheris [illegible] motus
inflamat superiorem partem [illegible] elementaribus
et ex ista inflammatione generantur spera [illegible]
sicut dicitur in libro celi et mundi [illegible]
[illegible] autem sit igneus non igne [illegible]
inflatur ipse ether quod ab inferioribus
non recipit aliquam immutationem sed omnia
inferiora ab ipso immutantur.

De spera siue motu celi

Spera celi ut dicit ysydorus est spera
quedam in rotundum formata [illegible]
[illegible] circa suum centrum [illegible]
sperys circularitatis revoluta [illegible]
[illegible] nec finis [illegible] nec [illegible] spera
[illegible] eo quod propter suam circulationem
ubi incipiat et ubi finiat non facile
[illegible], nec fuit aliqua figura [illegible]
[illegible] quam [illegible] tum propter ipsius
simplicitatem tum propter [illegible]
et propter uniformitatem ut dicit ysydorus

Speram igitur [illegible] est orbicu
laris superficies celestis [illegible] stelle
[illegible] et hec spera duobus pollis
[illegible] quorum unus est septentrional
[illegible] nobis [illegible] et dicitur pollus
articus [illegible] borealis. Alter vero pollus
est antarticus sive australis qui [illegible] a no
bis [illegible] vel propter [illegible] a nobis [illegible]
[illegible] vel [illegible] propter [illegible] nec [illegible]
[illegible] istos duos pollos [illegible] duas
[illegible] spera celi volvitur
et movetur. Et ex ipsius motu stelle
[illegible] ab oriente ad occidentem et ab
occidente [illegible] diurno et noctur
no xxiiii horarum spatio [illegible]

[illegible] autem celeritati spere celi [illegible]

[illegible] circula pla-
netarum [illegible] et vnus fortiter
[illegible] maxima solueretur
Et [illegible] in orbe planetarum
sunt in spera luna si medius subtus
firmamenti per suos planetarum motum cum
spera [illegible] raptum firmamento
obviat et vnus velocitatem reprimunt
et tarditudine [illegible] aut tota spera
videtur obliqua circa mundum et circa
axem. Est autem axis quidam linea ymagina-
bilis [illegible] per mediam [illegible]
[illegible] et hos duos polos se-
[illegible] circa quam tota ambitur [illegible]
tota circa axem circulariter revol-
vitur. Cardines autem celi [illegible]
[illegible] duo polos. Et sunt
cardines dicti [illegible] sicut cardo hostii in
[illegible] revoluitur [illegible] sunt
isti cardines [illegible] [illegible] et ar-
[illegible] ut dicit ysidorus. [illegible]
celestis [illegible] emisperium [illegible] pars
que a nobis tota videtur [illegible]
[illegible] quia [illegible] et circulus
[illegible] qui [illegible]
[illegible] ut dicit ysidorus. [illegible]
igitur ex predictis quod spera celi est [illegible] illu-
minosa [illegible] et [illegible] suum [illegible]
ad terram [illegible]
est a [illegible] remotissima et [illegible]
illa que in celo sunt maxima nobis propter suam
distantiam [illegible] minima. [illegible]
[illegible] infimo [illegible] or-
dinatia et [illegible] generationis et cor-
ruptionis [illegible] corruptia
[illegible] motus sui violentia
planetas sibi [illegible] post se trahit
et sua armonia est [illegible]
[illegible] in [illegible] ulterius.

ex ordinato spere motu et quo plane-
tarum occursu gignitur in orbe siderum
i. armonia [illegible] et ratio. Impulsu
et motu ipsorum orbium efficitur sonus ille
et acutus cum gravibus temperatis efficit
concentus varios et diversos. Ex pre-
dictis vero [illegible] et illicitum sonum ex-
cessu armonia illa a nobis non audi-
tur sicut solem movere videre non
possumus spiritus acutissime movent(ur) nam
radios planetarum [illegible] visus nostri superat.

Circuli celi sunt plures, quorum
duo sunt visibiles, scilicet galaxia
et zodiacus. Alii sunt invisibiles sicut
circulus equinoctialis dividens duo e-
misperia tangens zodiacum in ariete
et in libra. Alius est circulus solsti-
alis estivalis in quo sole existente
fit solstitium estivale. Iste [illegible] circulus
tangit zodiacum in cancro et est con-
iunctio zone habitabilis et torride. Alius
est paralellus sive circulus septentrionalis
sive arcticus et est [illegible] divisio zone in-
habitabilis. Circulus vero est qui est ex-
tra torridam zonam que est coniunctio
et alterius habitabilis zodiacum tangens
in capricorno. Et dicuntur isti circuli
solsticiales yemales in quo sole existen-
te fit solstitium yemale. Alius
est paralellus sive circulus antarticus
sive australis versus austrum et opponitur
artico paralello. Dicuntur autem hii quinque
circuli paralelli, quia circuli equi distantes
dicti a para quod est iuxta et [illegible] quod est
distans equaliter enim distat ab invicem
paralelli. Sunt preter hos duo circuli
qui dicuntur coluri, scilicet colurus septentrio-
nalis qui incipit a pollo septentrio-
nali per cancrum et capricornum circulariter
procedens et reddit ad suum principium. Alius

est coluruus australis qui per libram in capricornum redit ad suum principium. Et dicuntur coluri quasi colla truncata a cauda bovis silvestris qui vesiginis cauda circulum faciunt imperfectum. Et ideo dicitur colurus quasi circulus imperfectus. Circulus est orizon id est finitivus visus scilicet circulus quo celum et terra videntur partiri copulari et est circulus meridionalis designans zodiacum in quo sol videtur equaliter distare ab oriente et occidente. Et isti duo ultimi circuli non sunt in spera quia sunt diversi secundum situs et aspectus orizontes huiusque ysydorus. De galaxia sive lacteo circulo

De galasia sive lacteo circulo

Galaxia est circulus celestis orbis circulis celi pulchrior et candidior incedens per medium celi incipiens ab oriente usque ad septentrionem per cancrum et capricornum procedens usque ad principium suum. Dicitur autem lacteus circulus quia inter ceteros circulos celestes nobilior est claritate. Hunc et de nocte navigantes et itinerantes dirigit et ducit. Quanto autem aura nocturna est serenior et frigidior tanto incessus galaxie est manifestior. Secundum opinionem autem vulgi galaxias dicitur vestigium solis quod post se relinquit quem currit in primo circulo. Sed dicit philosophus hoc esse falsum quia si esset galaxias ex impressione transitus solis oporteret quod hec impressio esset in signis in quibus currit sol cum aliis stellis mobilibus. Et hoc videmus esse falsum quia transcendit ad tropicos zodiaci ubi sol nullatenus appropinquat sicut dicit Aristoteles primo metheororum. Sed Anaxagoras et Democritus dixerunt [illegible] esse ex reflexione luminis ab [illegible] solis. Sed et hoc esse falsum [illegible] quia si hoc esset permutaretur [illegible] permutatione luminis. Hoc [illegible] videmus galaxiam semper in eodem loco nec recedit ab eo. Dicit philosophus [illegible] ignis propinquus orbi est sufflatus et lucidus et in locis ubi videtur galaxia sunt stelle multe parve et continue et in illis refulget [illegible] et ideo apparet locus magis radiosus nec recedit ab uno loco orbis huiusque dicit philosophus in libro primo metheororum [illegible].

De circulo zodiaci

Zodiacus est circulus obliquus in xii partes equales distinctus xii signa a philosophis sunt vocata. Nobis unumquodque significat in qua parte sol et planete se movent et dicuntur igitur xii signa xii spatia equaliter distincta et stellis notabilibus ab astrologis decorata. Unumquodque autem signum in zodiaco dividitur in xxx gradus et gradus in lx minuta et minutum in lx secunda ita quod lx secunda faciunt minutum unum et lx minuta gradum unum et xxx gradus signum unum. Sunt autem signa ista propriis nominibus appellata scilicet aries, taurus et sic de aliis. Et vocantur animalia non quia animalia sunt in celo collocata sed quia in suis effectibus talium animalium proprietates aliquales representant ut post dicetur. Et ista xii signa [illegible] ysidorus [illegible] animalia [illegible] libra [illegible] signa [illegible]

Separati sunt [illegible] [illegible]

Utrumque [illegible] in capricorno [illegible] [illegible] facit longitudines dierum [illegible] noctis. In 2° modo signa [illegible] [illegible] usque quod dies noctibus sunt equales. In istis autem signis tria sunt ignea scilicet aries, leo, et sagittarius. Alia vero sunt terrea: thaurus, virgo et capricornus. Et tria sunt aerea: geminis, libra et aquarius. Et tria aquatica scilicet cancer, scorpio et pisces. Et inter ista que sunt ignea et aerea sunt calida et masculina diurna, que vero sunt aquatica et terrea sunt frigida feminina nocturna. Item ista autem 4or sunt mobilia scilicet 4or cardinalia: aries, cancer, libra et capricornus [illegible] in eis mutatur tempus. Et 4or sunt fixa in quibus figitur idem tempus scilicet thaurus, leo, scorpio et aquarius. Et 4or sunt [illegible] in quibus tempora [illegible] scilicet geminis, virgo, sagittarius et pisces. Et dicuntur ista signa domus quia domicilia sunt et [illegible] planetarum. Et [illegible] domibus quedam dicuntur triplicitates, quedam exaltationes. Nam illa signa que conveniunt in una natura faciunt triplicitatem et [illegible] quia in 4or partibus celi ordinantur. Nam in oriente sunt ignea: aries, leo et sagittarius. Terrea sunt thaurus, virgo et capricornus in austro. Aerea sunt libra, geminis et aquarius in occidente. Aquatica sunt cancer, scorpio et pisces in septentrione. Et inter istas triplicitates domus sunt fortiores in suis [illegible] orientales, occidentales et septentrionales, australes, que in eis [illegible] planete [illegible]. Nam triplicitas orientalis que est prima [illegible] die et [illegible] nocte, et saturnus [illegible] die ac nocte. Triplicitas vero occidentalis est saturnus, mercurius et iovis. Triplicitatis septentrionalis est venus, luna et mars. Australis vero est saturnus, iovis et mercurius. Dicuntur eciam signa domus exaltationum quia planete prout magis et minus exaltantur in signis et gradibus perfectius et virtuosius operantur. Nam sol [illegible] virtute sua et exaltatione in xix gradibus arietis et [illegible] in xix gradu libre. Venus autem exaltatur in piscibus xxvii gradibus in xxvii. Et casum suum [illegible] in opposito signi opposito scilicet virginis. Mercurius exaltatur in [illegible] xv gradibus et cadit in piscibus gradibus totidem. Luna exaltatur in thauro tribus gradibus et totidem cadit in scorpione. Saturnus exaltatur in thauro xxi gradibus et cadit totidem in ariete. Mars exaltatur in capricorno gradibus xxviii et totidem in cancro cadit. De capite et cauda draconis

caput et [illegible] draconis

Caput vero exaltatur draconis in geminis gradibus tribus, et cadit in sagittario totidem. Preterea ista divisione quodlibet signum dividitur in tres partes que facies nuncupantur. Quarum initium est a primo gradu arietis et durat usque ad x. 2a durat usque ad xx. et 3a usque ad xxx. Prima facies arietis fit data marti, 2a soli, 3a veneri. Prima facies thauri est mercurii, 2a lune, 3a saturni. Prima facies geminorum est iovis, 2a martis, 3a solis. Prima facies cancri est veneris, 2a mercurii, 3a lune. Prima facies leonis est saturni, 2a iovis, 3a martis. Prima facies virginis est solis, 2a veneris, 3a mercurii. Prima facies libre est lune, 2a saturni, 3a iovis. Prima facies scorpionis est martis, 2a solis, 3a veneris.

Prima facies sagittarii est mercurii, 2a lune, 3a saturni. Prima facies capricorni est iovis, 2a martis, 3a solis. Prima facies aquarii est veneris, 2a mercurii, 3a lune. Prima facies piscium est saturni, 2a iovis, 3a martis.

¶ Planeta igitur existens in domo propria habet v fortitudines, in gradu exaltationis habet 4, in domo triplicitatis habet tres, in facie unam vel duas, et quanto magis habundat [illegible] planeta, tanto magis prevalet fortitudine. Et ideo planeta est fortior in domo propria quam in alia, et ex fortitudine signi in quo est fortificatur, et ex debilitate debilitatur, sicut sol dicitur fortior est in signo forti quam in debili. Et ideo astrologi in iudiciis suis, ut dicit [illegible], considerant domos ascendentes, i. ascensum signorum et planetarum et eorum dignitates, ut sunt eorum principia et domini in domibus angularibus vel ascendentibus angulis vel ab angulis cadentibus, et iudicant de futuris. Dicuntur quedam signa domus angulares, scilicet cardinalia, de quibus supra dictum est, scilicet aries, libra, capricornus et cancer. Quedam dicuntur domus succedentes angulis, scilicet taurus qui succedit arieti, et leo qui succedit cancro, et scorpio qui libre, et aquarius qui succedit capricorno. Quedam vero dicuntur domus cadentes ab angulis, scilicet gemini, virgo, sagittarius et pisces, ut patet in figura ante scripta. Secundum diversos signorum ortus et occasus, oppositiones, coniunctiones et aspectus diversa et varia accidunt in hoc mundo. Nam sicut dicit idem auctor, illa que fiunt vel nascuntur quando sub forti signo masculino ascendunt, et fuerit planeta bonus in bono aspectu [illegible] ascendunt, et ex illis fortes et boni

sunt [illegible] oppositiones.

De prima domo que dicitur orientalis.

Domus itaque angulus [illegible] orientalis [illegible] ideo celi sunt [illegible] angulus occidentalis est [illegible] et angulus terre est inferior [illegible] maxima est virtus orientalis plus quam occidentalis, et septentrionalis plus quam australis [illegible] angulus terre [illegible] fortis est sicut dicit idem auctor.

Capitulum de domibus succedentibus.

Domus succedentes sunt mediocres, scilicet [illegible] ab ariete secundum est thaurus et secundum [illegible] et xi. Et iste hec sunt signa seu domus [illegible] signum [illegible] et operationes [illegible] signis. Et [illegible] vocantur ab astrologis domus [illegible]. Signa dicta domus cadentes, scilicet iii, vi, viii, ix et xii, sunt etiam debiliores [illegible] et prioribus signis et maxime xii, et ideo est ut dicit auctor quia in hac domo vel signo [illegible] et ideo vocant domus [illegible] et debilitas [illegible]. Et in isto signo gaudet mars, et in xii est gaudium saturni, et ideo vocant domus [illegible].

Qualiter signa et domus dicuntur se aspicere

Signa etiam siue domus dicuntur mutuo se aspicere, et sunt tres aspectus principales, scilicet sextilis, trinus et quartus. Aspectus sextilis dicitur quando aliquis planeta in aliquo signo ascendens aspicit tertium ante se et tertium post se, et sic est a i et xi [illegible] planeta fuerit in [illegible] aspicit illud quod [illegible]

De prima domo [illegible]

De domibus succedentibus

Qualiter signa et domus dicuntur se aspicere

anti sextil [illegible] est in initio aquarii
post [illegible] et hic vocatur
sextilis [illegible] quia distat per 60 gradus
[illegible] qualis aspectus est laudabilis
[illegible] Est signum de terra vel
[illegible] ut dicit auctor super
[illegible] Tertius aspectus est a 3º signo
et [illegible] Unde prima planeta que fuit in [illegible]
[illegible] aspicit eam que fuit in leone
ante se et eam que est in sagittario post se
quod est [illegible] et dicitur trinus quia
distat per 120 gradus et iste
aspectus est optimus quia est in signo perfecte
amicitie ut dicit auctor Quartus
aspectus est a 4º signo et a 10º Ubi prima
planeta que fuit in principio arietis aspicit
illam que est in capite cancri ante se et
eam que est in capite capricorni post se quod
est signum [illegible] et hic aspectus dicitur
quadratus quia distat per 90 nonaginta
gradus et hic aspectus est malus quia
in illo signo [illegible] inimicitie
fuerit [illegible] ut dicit auctor predictus.

Consideratio [illegible] et oppositio [illegible] aspectus
qui [illegible] dicitur aspectus abusivus quia [illegible]
per signum respicit 7 ut aries libram
dicitur aspectus oppositionis et est pessimus quia
signum est perfecte inimicitie et pessima
[illegible] mater si aspectus fuit
[illegible] et saturni fuit solis [illegible]
planeta [illegible] planeta in [illegible] signo
[illegible] vel in signo sibi [illegible]
vel [illegible] dicitur quartus. Et hic potest
esse bona si planete fuerint boni et [illegible]
mala si planete fuerint mali sicut dicit auctor
Et hec omnia patent in figura quam ponit
Auctor. Naturas igitur [illegible]
colligamus a signo arietis [illegible]
[illegible]

De signo arietis

Aries igitur orientale est signum [illegible]
[illegible] sicut aries in [illegible] super [illegible]
[illegible] equale [illegible] sicut sol [illegible]
[illegible] in illa [illegible] dicitur [illegible]
equinoctium et equales fiunt dies artificiales
atque noctes. Et sicut dicit [illegible] aries
est signum igneum masculinum [illegible]
[illegible] domus martis in [illegible] in
19º gradu eius est exaltatio solis [illegible]
sol de die et nocte [illegible] iupiter et saturnus
[illegible] Et [illegible]
[illegible] martis [illegible] mercurius

[illegible] caput et faciem et
multos [illegible] capillos corpus
[illegible] oculos grandes au-
res breves collum longum domus [illegible]
et [illegible] sicut hoc signum ab
inferiora [illegible] ad superiora ascendit
et a tenebris ad lucem [illegible] sic [illegible]
[illegible] et in illius signi
[illegible] ad lucem et [illegible]
[illegible] et sicut narrat Albu-
masar libro de motibus astrorum in tertio
[illegible] vel in 4º gradu arietis [illegible]
[illegible] signum libre et arietis [illegible] in 10º
gradu [illegible] illa stella [illegible] que dicitur
alnaazith et alphota et [illegible] arietis
in 25º gradu oriuntur pleiades. Cum
[illegible] sol vel luna vel aliquis planeta [illegible]
[illegible] vel 3º gradum [illegible]
[illegible] et [illegible] signis et
tempestas in gradu [illegible] vel xxxmo xxviiiº
[illegible] magnus calor.

De signo thauri

Thaurus [illegible] est signum [illegible]
[illegible] domus veneris
[illegible] lune in 4º gradu [illegible]
est de die venus in nocte luna et mars
[illegible] et [illegible] est [illegible]
[illegible] lune 3ª saturni

¶ Ex corpore hominis dominatur collo et gutturi
datque faciem amplam et rotundam nasum
[illegible] grandem et longum amplas nares
[illegible] [illegible] eleuatos et nigros
colli [illegible] [illegible] erit homo [illegible]
[illegible] [illegible] et [illegible] domus
est et [illegible] acceptionis et donandi
[illegible] dicitur thaurus quia thaurus sulcando
terram illam findit et complantat, tamen
et quia sol existens in tauro terra est ara
bilis et apta agriculture secundum Albumasar.
¶ In primo gradu thauri oritur sidus pallidum
in 5° origon [illegible] oritur pliades
et turbat aerem, in 16° yades oritur
et turbat aerem.

De signo geminorum

Signum geminorum secundum [illegible] est
signum aereum masculinum uel
diurnum, 2a domus mercurii, et
altaris cauda draconis in 3° gradu eius
dominus eius in die est saturnus, in nocte
mercurius, jupiter preparat ruinam eius, de tri
plicitate eius 3a, prima [illegible] est iouis 2a
[illegible] 3a solis. In corpore hominis dominatur
humeris brachiis et manibus mediocris
[illegible] staturam homini pulchrum et iucundum.
Cui quartus mercurius si fuit fortunatus
disponit hominem et [illegible] facit ad literatu
ram et scripturam; domus est regnandi
et principandi consilii religionis et fidelitatis
[illegible] secundum Albumasar primo
gradu geminorum [illegible] oritur yades
et mutat aerem, et post arcturus et [illegible]
[illegible] aquila 18 gradu et delphynus
[illegible]. Isti gemini ut dicit ysydorus [illegible]
portant fabulas fuisse castor et polus
fratres geminos et uterum viri fortissimi [illegible]
[illegible] tamen dicitur pol. esse in gemini [illegible]
illa parte crescunt [illegible] ad [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] bella
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
et qui [illegible] [illegible] [illegible] [illegible]
post supius et [illegible] quod [illegible] [illegible] [illegible]
fuerit [illegible] in [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] dextra pars [illegible] [illegible]
[illegible] illa pars anterior [illegible] et [illegible]
et pro tanto dicuntur [illegible] [illegible] [illegible]
[illegible] [illegible]

De signo cancri et eius effectibus

Cancer est signum aqueum femininum
instabile [illegible] domus lune
[illegible] iouis in 15° gradu eius [illegible]
in die [illegible] [illegible] et luna par
ticipat [illegible] [illegible] de triplicitate est [illegible]
[illegible] eius est [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] pulmoni et [illegible] in corpore [illegible]
[illegible] a [illegible] eius facit hominem grossum
[illegible] [illegible] [illegible] supius [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] domus
[illegible] et [illegible] [illegible] [illegible] que
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
¶ Ut [illegible] dicit Albumasar [illegible] gradu cancri
[illegible] oritur [illegible] et mutat
aerem in caliditate [illegible] origon 15° gradu
oritur origon et mutat aerem in caliditate
in 24° gradu [illegible] [illegible] [illegible] et
[illegible] plenus apparet [illegible] [illegible] [illegible]
[illegible] aerem [illegible] dicitur [illegible] [illegible] ysydorum
Cancer esse animal [illegible] [illegible] [illegible]
[illegible] illam [illegible] [illegible] [illegible]
Cancer [illegible] [illegible] [illegible] [illegible]
gradu cancri [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] post plus [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]

## De signo leonis

S[illegible] secundum mesahal est signum [illegible] masculinum fixum diurnum domus solis et illius exaltatio. dominus eius sol in die, Jupiter de nocte et saturnus participat eis. Et de triplicitate est prima fortuna eius saturni, 2a iovis, 3a martis. Et in homine vocatur stomachus lateris [illegible] et [illegible] efficit homines superius grossos et inferius [illegible] magnum [illegible] et frontem [illegible] habens [illegible]. Domus vocatur filiorum et nova [illegible] ministratorum librorum et honoris. De hoc dicit Albumasar in 4° gradu leonis aquarius et [illegible] oritur et fit aeris mutatio in 20 gradu [illegible] et [illegible]. Dicitur autem signum leo quia leo est fortissimus [illegible] et est maxime caliditas [illegible] ex parte [illegible] et partibus [illegible] sol in [illegible] illa [illegible] radios terre [illegible] in isto signo [illegible] ut dicit ysidorus.

## De signo virginis

Virgo est signum terreum frigidum [illegible] femininum [illegible] domus mercurii [illegible] est exaltatio mercurii in 15° gradu eius. Dominus eius in die est venus in nocte luna et mars participat cum eis. De triplicitate 2a est. prima fortuna eius est solis, 2a veneris, 3a mercurii. Ex parte hominis habet in potestate ventrem et intestina. persona pulchra facit pulchros [illegible] facitque [illegible] et [illegible] voluntatem. Domus est infirmitatis [illegible] et animalium et bestiarum [illegible]. Et [illegible] ad [illegible]. Et dicitur hoc signum virgo quia virgo sterilis est et [illegible] sterilem et sit sol [illegible] illam partem [illegible] que vocatur virgo [illegible] facit.

## De signo libre

Libra secundum mesahal est signum aereum masculinum instabile diurnum. [illegible] exaltatio saturni in 21° gradu eius. Dominus eius venus de die, saturnus de nocte, mercurius et jupiter participat cum eis. De triplicitate est tertia. prima fortuna eius est lune, 2a saturni, 3a iovis. De corpore hominis regit [illegible] renes vesicam et umbilicum. Domus est sponsi et nuptiarum litis et contentionis furti et rapine. De hoc dicit Albumasar in 15° gradu libre leo oritur et alterat et calefit aer. in 22° gradu [illegible] corona oritur et tunc fit maxima perturbatio aeris. in 23° gradu oritur [illegible] et fit adhuc maior perturbatio aeris et post oritur virgo. Dicitur autem hoc signum libra ab instrumento ponderandi quia sol existens in illa [illegible] dicitur libra dies cum noctibus [illegible] et equales ut dicit ysidorus.

## De signo scorpionis

Scorpius secundum mesahal est signum frigidum aqueum [illegible] nocturnum domus prima martis nullius exaltatio. dominus eius in die venus in nocte mars et luna participat cum eis. De triplicitate est 3a. prima fortuna eius est martis, 2a solis, 3a veneris. Ex parte hominis membra [illegible] genitalia [illegible] et [illegible]. facie dat rubicundum et parvam, capillos nigros, oculos parvos, tibia longa, pedes magnos [illegible] facit [illegible] et instabiles [illegible]

de sig° virginis

de sig° libre

de sig° scorpionis

grudeam / domus dicitur mortis et timoris debiti et laboris dampnum corruptionis belli calliditatis et fugiendi / De hoc dicit Albumasar in 2° gradu scorpionis stelle cadentes oriuntur et tunc fit magna aeris turbatio tempestas. Et post diem sequentem in xx° gradu eius occiduntur pliades et fit aer serenus / Dicitur signum istud scorpius quia scorpio est animal habens pungitivum in cauda. Similiter vel sextus in illa [illegible] ari quod dicitur scorpius causa est lesionis et punctionis [illegible] quam qui tunc detinuas manus calefacit [illegible] distemperatus in frigiditate cito ledet et pungit corpus, ut dicit ysidorus.

De sagittario et eius effectibus

Sagittarius secundum aristotelem est signum igneum masculinum nocturnum et de [illegible] exaltatio cauda in 3° gradu. Dominus eius in die sol in nocte iupiter. Saturnus participat cum eis / De triplicitate est prima. Prima facies eius est Mercurii 2a lune 3a saturni / Corpora hominis disponit femora longas facit tibias et crura facit oblongam et mitium [illegible] hominem facit pulchrum, rectum et amen / capillos dat [illegible] dentium magnum. Et in motu facit hominem delectari. Unde dicitur domus scientie fidei sapientie et magistrij et honoris et magistratum sapientium astrorum et divinationum ac sompniorum / De hoc dicit Albumasar / in 2° gradu sagittarij occiduntur pliades et statim occiditur et oritur caput scorpij et fit valida turbatio aeris / In ix° gradu yades occiduntur et mutatur aer / Dicitur autem sagittarius istud signum quia sicut sagittarius emittit sagittas /

[illegible] sol existens in illo [illegible] ad [illegible] mittit [illegible] [illegible]

De signo capricorni

Capricornus secundum aristotelem est signum terreum frigidum instabile nocturnum saturni dominium [illegible] exaltatio marti in xxviij° gradu eius. Dominus eius de die est venus / in nocte luna et mars participat cum eis / De triplicitate [illegible] quia facies est Iovis 2a martis 3a solis In corpore hominis [illegible] subtilia dat crura, corpus facit [illegible] et infirma. Domus vocatur honoris et regni [illegible] et [illegible] et [illegible] ablatis. De hoc Albumasar dicit in [illegible] gradu capricorni oritur [illegible] in xxv° gradu occidit caput [illegible] et [illegible] capricorni. Et dicitur capricornus [illegible] quod est animal [illegible] [illegible] superiora / Sol existens in illa parte zodiaci facit solstitium yemale [illegible] [illegible] signa superiora [illegible] et [illegible].

De signo aquarij

Aquarius secundum aristotelem signum [illegible] masculinum [illegible] diurnum domicilium saturni [illegible] nullius exaltatio. Dominus eius in die est saturnus in nocte mercurius et iupiter participat cum eis. De triplicitate est 3a. Prima facies est mercurii 2a veneris 3a lune. Dominatur tibijs hominis usque ad cavillam pedis facit hominem eloquentem nitidum [illegible] pulchrum facit faciem et coloratum. Et tibiam alteram facit altera longiorem. Domus vocatur [illegible] et [illegible] [illegible] nuclei. Et de hoc signo dicit Albumasar in 4° gradu signi aquarij [illegible] oritur

in xiº ad [illegible] stella et [illegible] ad [illegible] [illegible] et post [illegible] [illegible] aquarii [illegible] signum [illegible] aquarius in fabulas [illegible] aqua fon- dens [illegible] et ideo [illegible] dicitur [illegible] aquario / eo quod [illegible] tempus [illegible] in aquas multas et [illegible] [illegible] pluviam [illegible] alio tempore et dicit [illegible] De signo piscis et eius effectibus

Signum piscium [illegible] est signum aquaticum frigidum humidum nocturnum [illegible] domicilium Jovis cuius exaltatio Veneris in xxvii gradu eius [illegible] [illegible] est domus [illegible] in [illegible] celi [illegible] [illegible] [illegible] [illegible] eius [illegible] Jovis [illegible] [illegible] [illegible] amplum dat pectus [illegible] caput pulchrum [illegible] et [illegible] Albumasar [illegible] magnum ac rotundos oculos [illegible] [illegible] istud signum domus [illegible] [illegible] et [illegible] que [illegible] / Et [illegible] labores [illegible] [illegible] [illegible] dolositatem mali [illegible] et [illegible] / Et hoc dicit Albumasar in [illegible] gradu signi piscis [illegible] [illegible] / in xvº gradu [illegible] libra [illegible] / in xxº gradu oritur [illegible] in xxviiº gradu [illegible] et aquarius oritur / Dicitur autem istud signum piscis [illegible] quia [illegible] [illegible] quatuor et [illegible] piscium [illegible] [illegible] [illegible] [illegible] / et [illegible] [illegible] [illegible] pisces [illegible] [illegible] [illegible] dicit ysidorus. Expliciunt proprietates xii signorum celi

Hic [illegible] xii signorum celi [illegible]

[illegible] et [illegible] [illegible] astrologorum [illegible] huic opusculo [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] antiquis / et quare talia nomina [illegible] [illegible] astrologi [illegible] [illegible] [illegible] in [illegible] xii signorum [illegible] domorum [illegible] [illegible] et [illegible] [illegible] [illegible] dicitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] et [illegible] suas [illegible] in [illegible]

Circa ista autem xii signa [illegible] et [illegible] planete que dicuntur sydera erratica [illegible] spatiis [illegible] [illegible] [illegible] ab [illegible] et distincta [illegible] erratica [illegible] quia [illegible] [illegible] motum et discursum / [illegible] erratica dicuntur / quia contra firmamentum cursum suum [illegible] dignoscuntur / Et ideo de motu planetarum et ipsorum situ et [illegible] aliqua [illegible] dicemus [illegible] in [illegible] [illegible] [illegible]

De motu et situ planetarum [illegible] quantum spectat hic tangitur

Moventur autem omnes planete duplici motu scilicet naturali et proprio scilicet ab occidente in orientem contra motum firmamenti et motu alieno scilicet ab oriente in occidentem / et hoc raptu firmamenti [illegible] contra [illegible] diebus ab ortu ad occasum rapiuntur / In motu autem naturali quo [illegible] contra firmamentum quidam velocius / quidam tardius perficiunt scilicet cursum suum / et hoc propter circulorum suorum disparem quantitatem / Nam Saturnus moratur in quolibet signo per xxx mensibus et complet suum cursum in xxx annis / Jupiter moratur in quolibet signo per annum unum et in xii annis complet cursum suum / Mars moratur in quolibet signo per xlv dies et perficit cursum suum in duobus annis

[Right margin:] De motu et situ planetarum [illegible] quantum spectat hic [illegible]

[Left margin:] [illegible] pisces [illegible]

[Left margin:] plurimum proprietatis xii signorum celi

Sol autem moratur in quolibet signo xxx
diebus et x horis et [illegible] et perficit
cursum in ccclxv diebus et quadrante.

Mercurius moratur in quolibet signo
xxviii diebus et ii horis et complet cur-
sum suum in ccc [illegible] diebus. Venus
moratur in quolibet signo xxviii diebus
et complet cursum suum in ccc xlviii diebus.

Luna moratur in quolibet signo spatio
duorum dierum et dimidio et sex horis et
[illegible]. Et complet cursum suum
a puncto usque ad punctum in 27 diebus
et viii horis. Et istarum septem
planetarum ingressu et progressu per
xii signa, et [illegible] ab eis [illegible] ordi-
nantur et disponuntur quae in mundo
inferiori generantur et corrumpuntur. Unde
in libro [illegible] legitur sic
primo capitulo. Altissimus fecit [illegible]
ad similitudinem sphere, et fecit circulum
altiorem in circuitu eius volubilem
et terram fixam in eius medio non decli-
nantem ad dextram vel ad sinistram. Et
posuit alia elementa mobilia, et fe-
cit moveri per motum vii planetarum.
Et omnes stelle alie comparantur planetis
in suis operibus et naturis, unde et opus
planetarum simile est lapidi magneti et
ferro, quia sicut trahit ferrum ab eo ita omnis
creatura super terram a motu planetarum
attrahitur, generatio et destructio fit motibus
et operationibus planetarum. Diversificantur
autem eorum opera secundum diversitatem climatum.
Aliud enim operantur apud Ethiopes et
aliud apud Sclavos, unde dicit idem capitulo [illegible].
Attendendum est planetarum coniunctio in signis

signis que sunt planete [illegible] signis
aquaticis in revolutione [illegible]
multitudine [illegible]
[illegible] et fames in [illegible]
et siccitas. Si in aereis [illegible]
Si in signis frigidis [illegible]
et temperantia caloris. Item in [illegible]
capitulo huius dicit quod effectus signorum [illegible]
tendunt in operibus suis de coniunctione
planetarum sive in bono sive in malo
quia si boni fuerint planete bonum [illegible]
Si vero mali [illegible]
[illegible] planetarum quidam sunt [illegible]
mali diurni ponderosi frigidi [illegible]
[illegible] saturnus. Quidam boni [illegible]
[illegible] diurni temperate calidi et humidi
sicut iupiter. [illegible] vero masculini
nocturni calore et siccitate generat
et operatur. Venus feminina nocturna
[illegible] et humi[di]
[illegible] temperate est [illegible]
non masculinus non femininus [illegible]
Vertit se ad naturam eius cui iungitur ut
cum bonis bonus, cum malis malus, vel
[illegible]
est planeta femininus nocturnus fri-
gidus et humidus [illegible]
Astrologi planetas aliquos in suis effectibus
[illegible] scilicet Iupiter et Venus [illegible]
[illegible]
[illegible]
Alii sunt mali scilicet Mars et Saturnus
[illegible]
Alii sunt mediocres scilicet Sol Luna Mer-
curius [illegible]
[illegible]
[illegible]
[illegible] signo [illegible]

Nam cum [illegible] bona sunt [illegible] malis [illegible] [illegible] opinio. De potestate septem planetarum

[illegible] vij planetarum

Hi septem planete maximam habent in generatione tam bonorum quam malorum potentiam. Unde secundum astrologos et etiam secundum Galienum et alios peritos medicos Saturnus in primo mense conceptionis in utero facit et frigiditate sua coagulat et complexionat. Iupiter autem in secundo mense spiritum et membra tribuit. In tertio mense Mars consolidat sanguinem et humores complexionat ordinat et componit. Sol in quarto mense [illegible] et spiritum [illegible] et cor [illegible]. Venus in quinto mense organa sensitiva et officialia membra addit scilicet nasum et aures perficit et disponit. Mercurius in sexto mense [illegible] et porosa membra ut linguam et nares componit. Luna vero septimo mense membra suis limitibus dividit et distinguit et [illegible] fetus tunc nascitur utilis et salubris. Et ideo nasci [illegible] usque ad octavum mensem fetus tunc moritur. Et hoc quia Saturnus [illegible] reddit iterum [illegible] qualitate sua frigida et sicca fetum mortificat et constringit. Nono autem mense [illegible] fetum calore [illegible] temperatum [illegible] et [illegible] utiles erunt. Similiter in nono et decimo mensibus possunt nasci utiles et salubres quia tunc [illegible] regnat Mars cuius calore et siccitate membra nascentium roborantur. [illegible] calores et siccitates [illegible] robustus [illegible] et multas alias habent planete in corporibus inferioribus operationes [illegible] et specialiter [illegible] in suis domibus [illegible] vij planete habent domos

proprias. Nam domus Saturni prima et propria est capricornus secunda et aquarius. Domus Iovis pisces et sagittarius. Domus Martis aries et scorpius. Domus Veneris libra et taurus. Domus Mercurii virgo et gemini. Domus solis leo. Domus lune cancer. In his xii domibus sive signis vij planete discurrunt et per eas diversis modis evagantur nunc deprimuntur nunc exaltantur. In hiis autem signis moventur planete duplici motu scilicet occidentali ab oriente in occidentem raptu firmamenti et motu naturali. Et hic motus est duplex scilicet primus et secundus. Primus motus circularis est quem facit planeta in proprio circulo cuius centrum est extra centrum mundi. Secundus motus est quem facit sub zodiaco et habito respectu ad zodiacum semper in equali tempore per equale spatium transit. Primus autem motus planete et proprius fit in circulo qui dicitur excentricus. [illegible] dicitur eo quod non habet terram pro centro sicut zodiacus habet terram pro centro. Unde circulus planete dicitur excentricus cuius superficies non per centrum terre transit et terram in duas medietates dividat [illegible] centrum suum habet extra centrum terre. Et iste circulus excentricus est duplex scilicet deferens et equans. Nam planetis assignant tres circulos ut dicit Ptolomeus scilicet equantem deferentem et epiciclum. Circulus equans dicitur super cuius centrum movetur centrum epicicli planete uniformiter. Et dicitur equans quia equaliter in illo tenet planeta cursum suum. Circulus deferens est circulus per cuius circumferentiam semper movetur epiciclus cuiuslibet planete dictus. Ideo deferens quia defert circulum epicicli. Epiciclus autem est quidam parvus circulus qui disponit planeta motum [illegible] per [illegible] circumferentiam [illegible] planete. Unde

In superiori parte sui epicicli movetur ab occidente in orientem. In inferiori vero parte movetur ab oriente versus occidentem. Et ideo, quamvis sol et alii planete in propriis circulis et orbibus moveantur uniformiter, tamen in diversis diversimode moveantur. In istis itaque circulis diversis triplex motus planetarum est ab astrologis sapientibus distinctus, motus scilicet directus, stationarius et retrogradus. Directus est quando movetur directe a principio versus finem. Stationarius quando stat in medio ita quod ut sic neque videtur accedere neque [illegible]. Retrogradus vero dicitur quando retro tendit a fine signi versus principium. Fit autem directio semper in parte epicicli superiori, retrogradatio vero in parte inferiori, statio vero fit in medio. Cuius diversitatis ratio a physicis diversimode assignatur. Statio et retrogradatio fit in quinque planetis, scilicet in omnibus aliis a sole et luna. Non enim sol aut luna retrogradantur, quamvis in epiciclo moveantur. Et huius ratio ut dicunt aliqui quia radii solares sunt causa istius retrogradationis. Nam virtus radiorum solarium alios illos repellit et facit retrogrados quando eos attingit, et facit eos quasi stare et facit regredi, sicut dicit Alfraganus. Alias autem causas assignat Ptolomeus, sed hec pro nunc sufficiant. Et colligitur igitur ex predictis quod planete sunt stelle erratice per suos orbes distincte, sicut situ sic virtute et effectu ab invicem differentes, ut dicit Beda in libro de naturis rerum. Sunt autem stelle et elementorum immutative, generative et corruptibilium que [illegible] corruptibilium corrumpuntur. Sunt etiam per varietatem sui motus corporis celestis retardative sicut et [illegible]

scilicet [illegible] et [illegible] planete [illegible] mares et feminae [illegible] suarum qualitatum [illegible] participatur. Nam ut dicit [illegible] planete alterius [illegible] proprietates et qualitates [illegible] etiam aspectu et coniunctione sunt [illegible] suum et effectum immutatur. Nam bonitas benivole stelle per potentiam malivole [illegible] et e contrario malignitas malivole per potentiam benivole temperatur, ut dicit Albumasar et Ptolomeus. Sunt etiam insuper ex earum elevatione et depressione in orbibus et ex mutua suorum circulorum intersecatione [illegible] studiosis et [illegible] quantum sicut dicit in libro [illegible] de sompniis. Et ut dicit Macrobius, futura [illegible] [illegible] non [illegible] sicut [illegible] luminositate [illegible] et a virtute [illegible] et [illegible] motu [illegible] altioris circuli [illegible] tanto tardius sunt sui cursus complementum.

## De saturno

Saturnus a saturando est dictus [illegible] ab opulentia quia [illegible] mortalibus ut dicit Ysidorus et Marcianus. Unde dicunt fabule [illegible] depingitur [illegible] filios suos [illegible] fuisse castratum, cuius virilia in mare proiecta Venerem generaverunt. Est autem Saturnus planeta malivolus, frigidus et siccus, nocturnus, ponderosus. Et ideo in fabulis senex depingitur. Istius circulus a terra remotissimus est, et tamen [illegible] est [illegible] elongationis a terra ante xxx annos non perficit cursum suum plus [illegible] retrogradationes [illegible] in fabulis [illegible] est pallidus aut lividus sicut plumbum.

de saturno

[illegible] facias s. filii hom̄
[illegible] dispo[n]it et corpus
[illegible] astrg̃ [illegible]
[illegible] iudicys ast[r]o
[illegible] furor suus apparit
[illegible] caro rubea [illegible]
[illegible] dicit ptholomeus Saturni
[illegible] frigidus siccus
[illegible] planeta est coloris
[illegible] in capillis et in toto corp[or]e ipsi et
[illegible] fetida non abhorrent
[illegible] dilig[i]t foeda et immunda
[illegible] in corp[or]e complexione
[illegible] dicit. ¶ De isto Saturno
dicit ptholomeus. Sub Saturno sunt
capricornus et aquarius. Eius domus est in
[illegible] sub eo
[illegible] doctrina et loca [illegible]
[illegible] nigror [illegible]
[illegible] Color eius est niger plumbeus et
[illegible] qui ingreditur circulum
Jovis [illegible] malitia eius et mutat
colore ex benignitate Jovis. Cum [illegible]
[illegible] plumbeus ex claritate Jovis [illegible]
[illegible] candidus atque clarus
ut dicit ptholomeus.

De Jove

Iupiter q[ui] [illegible] et fe-
[illegible] porta [illegible] super
[illegible] planeta benivolus est calidus et hu-
midus [illegible] masculinus in [illegible]
tatibus temperatus. Eius color est argenteus
candidus clarus et blandus. Et ideo
in circulo Jovis tam felicitatem antiqui
posuerunt. Et dicit [illegible] Iste Jovis
circulus circulo Saturni iunctus est quia
et [illegible] altitudinem circuli sui in xij annis
[illegible] bonitate sua reprimit
malitia Saturni [illegible] in supe-
[illegible] circulo Saturni est
[illegible] a [illegible]
a [illegible] ut dicit [illegible]

[illegible] patria sua reprimit Saturni malitiam
[illegible] adventus planetis bonis bonas
et utiles facit impressiones [illegible]
[illegible] Et ideo dicit [illegible]
corporat ad pulchritudinem et honestatem
pulchrum enim dat colorem rubeum et [illegible]
[illegible] pulchros dat oculos pul-
chros dentes pulchros crines barbam [illegible] ro-
tundam ut dicit ptholomeus [illegible]
[illegible] sanguinem atque [illegible]
¶ De hac dicit ptholomeus. Sub Jove sunt
sagittarius et pisces et [illegible]
in [illegible] descensus
eius. Sub Jove [illegible] honores
divitie [illegible] iudicys
Astrologie [illegible] sapientiam et [illegible]
[illegible] in [illegible]
[illegible] Astrologos [illegible] et honestatem
fidem et disciplinam et [illegible] ad salva-
[illegible] duo signorum [illegible] bonitate
et [illegible] bonum [illegible] in eis [illegible]
[illegible] xij. [illegible] Jovis [illegible]
paupertatem et tristitiam [illegible]
et [illegible] ut dicit
ptholomeus et [illegible].

De Marte

Mars deus belli a gentibus putabatur.
Est enim planeta calidus et siccus
masculinus nocturnus [illegible] igni et [illegible]
et [illegible] Et ideo disponit ad auda-
ciam et ad appetitum [illegible] quia [illegible]
[illegible] Jovem et predi-
[illegible] Et ideo ex [illegible] stelle benivole
[illegible] eius [illegible] temperatur. Eius color
est [illegible] et fulgidus [illegible] ut dicit
[illegible] et [illegible]
[illegible] planete ut dicit [illegible] planeta
[illegible] ptholomeum disponit in [illegible] parte
corporis ad longitudinem et gracilitatem
et hoc [illegible] calidi et sicci. Et [illegible] est in iu-
ventute. [illegible] in senectute ex calore [illegible]
et sicci [illegible] disponit ad curvitatem [illegible]

pro mentis disponit ad mobilitatem et levitatem ad iram et ad diversitatem et ad alias vitiosas passiones disponit. [illegible] ad equos [illegible] et ad fornaces furnarios sicut Saturnus ad terre cultores et gravium pondera portantes. Et Jupiter [illegible] [illegible] et sunt oratores [illegible] [illegible] ut dicit [illegible]. [illegible] [illegible] domus [illegible] est [illegible]. Sub [illegible] plu[illegible] et [illegible] et signat [illegible] et sterilitatem. Et est [illegible] dolosus. Et moratur in quolibet signo [illegible] diebus et xxii horis, et in duobus annis [illegible] [illegible] suum. De venere que et lucifer dicitur

Venus que et lucifer dicitur [illegible] est [illegible] [illegible] in suis [illegible] et [illegible] temporis. Hec planeta [illegible] solis zodiacum in [illegible] partibus ut dicit [illegible]. Et est dicta venus quia sua qualitate [illegible] et [illegible] dicitur venerei amoris [illegible] ut dicit ysidorus. Sepe precurrit solem vel precedit et tunc dicitur lucifer vel sequendo et tunc dicitur vesper ut dicit beda. Colore [illegible] et refulgentie clarior [illegible] ut dicit marcianus. Inter omnia [illegible] sidera [illegible] fulget [illegible] et jubar dicitur [illegible] quia jubar radiosi luminis a se emittit [illegible] quod et umbram facit [illegible] est [illegible] [illegible] et solis ortum [illegible] et perdit quando est in eodem signo cum sole [illegible] claritate solis absortus sed tunc terris [illegible] quando venus est altior [illegible] est illo sequitur motus [illegible] inferior tunc est [illegible] ut dicit macrobius

[illegible]

De mercurio

Mercurius [illegible]

[illegible]

110

[illegible] motum [illegible] et [illegible] sepe
[illegible] et et [illegible] dus paleste
[illegible] solis lucetur sed
[illegible] solis gradi[illegible]
[illegible] qui v xxx gradibus [illegible]
[illegible] radijs solis [illegible]
solis [illegible]. Et eo positione [illegible]
[illegible] in fabulis
[illegible] quia [illegible] solis [illegible]
[illegible]. Et qui solem [illegible] ra
dijs solaribus proximum stare videtur. Et de
stationarijs quia aut stant [illegible] retro
gradiuntur ut dicit Macrobius. ¶ [illegible]
[illegible] sub mercurio sunt ge
mini et virgo [illegible]
[illegible] Cum [illegible] morat
[illegible] signo [illegible] aut [illegible] post [illegible]
[illegible] fortuna [illegible]
[illegible] est albumasar
[illegible] et [illegible] malum
[illegible] signo [illegible] diebus et [illegible]
[illegible] xxiiij diebus perficit cursum suum
[illegible] ptholomeus.

De sole

Sol secundum ysidorum dicitur quia solus lucet [illegible]
[illegible] per hoc quod sit fons totius luminis [illegible]
radijs superiora et inferiora illustrans [illegible]
[illegible] plantarum [illegible]
[illegible]
[illegible]
[illegible] et [illegible]
[illegible] Sol omnibus
[illegible] in [illegible]
[illegible] magis calidus et [illegible]
[illegible] potestas et
[illegible] multiplicatur [illegible]
[illegible]
[illegible] sub zodiaco
[illegible] transit [illegible]
[illegible] zodiacum [illegible]
[illegible] Sol non transcendit [illegible]
[illegible] in circulo suo proprio est [illegible]

quibus, [illegible] aliorum motum [illegible] aliquando videtur
¶ Circulus autem solis signifer et zodiacus dicitur quia
in xij spatia sive signa quorum quodlibet
habet xxx gradus et quilibet gradus lx
minuta et quodlibet minutum lx secunda etc.
Quia sol incedit de uno puncto sui circuli et
revertitur in eundem transit per xij signa
¶ Et iste transitus circulus [illegible] in
die naturali perfecte transit [illegible]
[illegible] transit [illegible] minuta
et huius secunda [illegible] ab illo [illegible] minuto ma
nent duo [illegible] in [illegible] quod
in duo dies naturales non perficit [illegible]. Sol
igitur motu ordinato et [illegible] cursu or
dinat et efficit [illegible] ¶ Unde Ambrosius
in exameron [illegible] solis describit virtutes ipsius
solis dicens: Sol est oculus vel circulus
mundi, iocunditas diei, pulchritudo celi, men
sura temporum, virtus et origo omnium nascentium,
dux planetarum et perfectio omnium stellarum.
¶ Unde dicit Marcianus: Sol igitur est mentis
fons, id est memoria [illegible] lucis rex
[illegible] mundi, fulgor olimpi, moderans
firmamenti. Ideo cum movetur firmamentum
[illegible] ut moderet et temperet motum suum.
Ideo dicitur splendor olimpi quia ut dicit Ma
crobius in libro [illegible] difinitio fuit pla
tonis omnium spherarum lumen a sole. Dicit
enim plato in thimeo [illegible] deus [illegible]
[illegible] lucis clarissimam quam solem voca
mus. Cuius splendore [illegible] et omnia infra
illustrantur et ut [illegible] omnium [illegible]
Et in libro de elementis dicit [illegible]. Sol igitur
habet lumen proprium, stelle vero et luna habent
lumen a sole [illegible], sicut [illegible] candela
[illegible] opponitur et illuminatur. Ideo dicit
Martianus quod Sol in medio ignifera [illegible]
[illegible] radios a se emittit quibus
superiora et inferiora illustrantur. ¶ De huius
modi solis virtutibus dicit beatus Dyonisius
[illegible] divinis nominibus capitulo iiij. Sicut sensibilium
substantias et qualitates multas [illegible]
et disiunctas existentes ipse sol unus [illegible]
et uniformis illuminans lux renovat

[illegible]

nature custodit perficit et discernit, unit et
resolvit, fecunda facit ¶ Auget, mutat, colli-
git, plantat, removet et unificat omnia [illegible]
[illegible] et de [illegible] manifestat. De solis
[illegible] in propria natura et in suo esse. In substan-
tia seu natura habet simplicitatem, non enim
habet ex dissimilibus vel ex quibus partibus componitur
[illegible] sicut elementa inferiora, secundum [illegible]
et simplicitatem in sua natura et uniformitatem.
Et ideo habet proprietatem [illegible] permanentiam et in-
corruptionem, quia compositio ex partibus causa est corrup-
tionis ut dicit [illegible]. Et ex hac simplicitate
summam habet in se levitatem. Nam partium in-
equalium compositio est [illegible] et causa gravitatis.
Et ex hac levitate habet corpus solare ad mo-
tum velocitatem. Licet quoad motum sunt
facilia et maxime [illegible]
aut sue mobilitatis et subtilitatis secundum hec
actualitate et virtute, quia quanto est sim-
plicior tanto ad diversos actus valet et est
potentior. Et ideo convenienter dicit Dyonisius
quod sol uniformis est lux illuminans.
Nam virtutem habet illuminativam quia
in suo lumine numquam deficit. Licet nobis eius
lumen per terre vel lune sive nubium
interpositionem aliquando auferri videatur.
¶ Habet etiam virtutem renovativam. Nam per eius
[virtutem] terre [illegible] et virtutes latentes in radicibus
ad actum producit et terre superficiem herbis
frondibus et floribus renovat et reno-
vat per [illegible] et virtutes solares
penetrant ad inferiora terre [illegible]
[illegible] quodammodo antiquata annis sin-
gulis [illegible] et pulchritudine renovatur.
Item virtutem habet nutritivam quia ad interiora
radicum et seminum solaris radius [illegible]
calore suo humorem terre dissolvit et vi sua at-
tractiva quod semini et radici est [illegible]
[illegible] attrahit, et illud in nutrimenta [illegible]
nascentium convertit. Item virtutem habet [illegible]
[illegible] conservativam et [illegible]. Nam [illegible]
[illegible] et in [illegible] [illegible]
tiam quam habent in se [illegible] non [illegible]
rent nisi per virtutem celestis influentie.

consiliarem [illegible] ut
dicit Alex. Item [illegible] quia
calor [illegible]
corporum [illegible]
[illegible] ad [illegible]
virtutem habet discretivam [illegible]
[illegible] ac figure que in corporibus [illegible]
[illegible] per [illegible] solaris luminis [illegible]
et ab invicem discernuntur. Item virtutem habet
unitivam et [illegible] per [illegible] particulis [illegible]
unit et concordat plantarum [illegible]
[illegible] omnia elementa
[illegible] aque et terre. Sol [illegible]
[illegible] plantas quia ad armoniam celestem [illegible]
[illegible] hoc facit sol in suo circulo quod
facit [illegible] in instrumento musico. Ex
[illegible] unit homogenia [illegible] et dis-
solvit ethrogenia [illegible]
[illegible] aggregat [illegible] dissolvit.
¶ Item virtutem habet [illegible] [illegible]
[illegible] et [illegible] varias producendo
[illegible] inferioribus [illegible]
et sol ut dicit [illegible] nihil [illegible]
[illegible] solis radius [illegible]
¶ Item virtutem habet confortativam [illegible] solis
[illegible] super [illegible] [illegible]
[illegible] et [illegible] augu-
mentum. Et [illegible]
[illegible]
in suis virtutibus [illegible] in longum vel
[illegible] ut [illegible]
[illegible] in [illegible]
[illegible] quodammodo [illegible] ut dicit Alex.
¶ Item virtutem habet [illegible]
et distinctivam quia [illegible]
facit dies [illegible] ut [illegible]
[illegible] facit dies longiores [illegible]
[illegible] et [illegible] dies [illegible]
[illegible] facit et [illegible]
solis dies [illegible]
Nam primo [illegible]
[illegible] sicut [illegible]

[illegible] et [illegible] quorum sunt
et est
[illegible] ardidus est [et] elongatur
[illegible] Sol est [illegible]
[illegible] ut est multi-
[illegible] dicitur [illegible] si rubeat
[illegible] pallet [illegible]
[illegible] videtur ita et in [illegible]
[illegible] radios [illegible] austri
[illegible] oppositi sunt [illegible]
[illegible] ostenditur in nubibus [illegible]
[illegible] ut dicit Beda.
Item [illegible] informatiuus
[illegible] ut dicit ysidorus [illegible] elongatur
[illegible] propinquatione [illegible]
[illegible] corpora in [illegible]
[illegible] dicit [illegible] ostilitate
[illegible] et aquilos [illegible] Et [illegible]
[illegible]
[illegible] et [illegible] dicitur est [illegible]
et ptholomeus quod Sol facit [illegible]
[illegible] facit pulchra et [illegible]
[illegible] est [illegible]
[illegible]
[illegible] et [illegible]
[illegible]
[illegible]
vapores [illegible]
[illegible]
[illegible] inflammatiua [illegible]
[illegible] et hoc fit ex motu radiorum [illegible]
[illegible] si corpus [illegible]
[illegible] et politum ut [illegible]
[illegible] attractiua [illegible]
[illegible] a mari fumos et
vapores et [illegible] in nubibus
[illegible]
[illegible] pluuias [illegible]
[illegible] Sol [illegible]
[illegible]

dijs ad similes [illegible] putauerunt [illegible]
[illegible] aquis occeani nutriri et
attractos vapores in [illegible]
[illegible] Et ideo dicitur [illegible]
pluuia calore [illegible] qui fit
[illegible] attractione [illegible]
[illegible] radiorum [illegible]
in grauitate [illegible] Item
[illegible] sibi nihil
potest [illegible] ubi non potest attingere virtus
solis. Et ideo dicit ptholomeus in [illegible]
[illegible] sole est leo et est domus eius
et [illegible] in ariete et in libra deficit.
Et sub ipso [illegible] fortuna et
[illegible] et [illegible] et est color eius
albus et rubeus, et est [illegible] et [illegible]
[illegible] hore [illegible]
[illegible] planetas [illegible]
ad [illegible] et [illegible] Item [illegible] fit
[illegible] et [illegible] motus sui
[illegible] et magnitudinis est occultatiuus
Cum enim sit [illegible] terra ut dicit [illegible]
[illegible] propter altitudinem sui situs [illegible]
[illegible] quod autem inappabiliter maior
sit quam appareat, patet ex hoc quod maior videtur
in suo ortu et occasu quam nobis maxime
elongatur quam in puncto meridiei quando nobis
maxime appropinquat. Et patet quod in ipsis [illegible]
[illegible] et hoc apparet [illegible]
[illegible] motu quod [illegible] mouetur
velocius quam sagitta et tamen mouetur in aliquo
non videtur [illegible] claritatis [illegible]
et [illegible] sicut eius [illegible] et motus
velocitas subterfugit visum. Item Et ita
de proprietatibus solis [illegible] dicta sufficiat.

De luna

Luna dicitur quasi luminum vna [illegible]
et minima quia corpore solari in
magnitudine et pulchritudine est [illegible]
[illegible] ut dicit ysidorus, Luna est [illegible]
[illegible] est dicit noctis [illegible]
[illegible] nostra [illegible] maris

tpem mensura cumulatur solis imutatur aeris lumen non a se habens sed a solis plenitudine mutuans et acquirens que 2m appropinquationem vel elongationem a sole formam recipit et figuram. Calorem itaque luna pro lumine est a fontali plenitudine solis lumen recipiens. Unde dicitur in libro elementorum 2o quod luna semper lumen a sole illuminatur et lumen receptum reflectit in terram. Nam eius [illegible] speculo quod per se colore caret [illegible] recipit ab alio et quanto plus soli appropinquat tanto plus de suo lumine perdit ex parte terre sed claritatis [illegible] ex parte inferiori [illegible] ex parte celi immo tanto plus ex parte superiori illuminatur. Unde quando soli coniungitur nichil luminis ad terram ostendit sed ex parte celi in plena illuminatione permanet et consistit ut dicit Beda et [illegible].

Item luna est figure et forme sue mutativa. diversitas enim faciei seu luminis ostendit ad terram quod nunc arcualis nunc circularis aspectibus nostris se ostendit. Nunc monoidos est nunc dicotomos nunc amphicirtos nunc panselenos. Monoidos autem est quando est prima et apparet cornicularis. dicotomos dicitur quando per medium secta quando est octava. Amphicirtos est quando de sua plena rotunditate est dubia scilicet quando est xi vel xii. Panselenos autem est quando ex toto est plena scilicet quando est xiiii.

Item lune triplex status est consideratione quia aut cum sole scilicet in coniunctione quando accenditur. Aut a latere scilicet quando recedit a sole vel quando ad solem revertitur. aut in plena oppositione quando scilicet totaliter opponitur. quando autem primo recedit a sole apparet corniculata [illegible] cornibus semper versus [illegible] ortum. Cum vero iterum appropinquat ad coniunctionem recipit eandem formam sed [illegible] cornibus ad occasum [illegible] dicitur [illegible]

solo semper apparet [illegible]
[illegible]

Item luna est [illegible] tempore per occultam [illegible] [illegible] Unde in [illegible] [illegible] in corporibus [illegible] multiplicantur. Unde cum [illegible] et [illegible] est [illegible] maris est attractiva sicut [illegible] post se [illegible] Unde in suo ortu [illegible] mare trahit [illegible] sed luna [illegible] trahit post se [illegible] Unde in suo ortu [illegible] mare et [illegible] a parte orientali et decrescit a parte occidentali et ergo quando est in occasu crescit mare ex parte occidentis et decrescit ex parte orientis [illegible] quia luna plus et minus proficit in lumine sic plus vel minus fluxu se extendit vel retrahit ipsum mare ut dicit [illegible] in [illegible] [illegible] in [illegible] modo [illegible] decrescente luna fit [illegible] et habundat in [illegible] et [illegible] decrescit et minuitur et sic [illegible] usque ad [illegible] dies [illegible] quod in xiiii die est [illegible] plenius in [illegible] Unde in novilunio et plenilunio semper est mare plenissimum.

Item luna est [illegible] in aere [illegible] sue [illegible] [illegible] supremis [illegible] [illegible] quod quando luna est [illegible] tempore [illegible] [illegible] [illegible]

Item luna inter planetas est [illegible] [illegible] tempore sui cursus [illegible] [illegible] [illegible] et [illegible] per [illegible] ut dicit [illegible] ut dicit Ptholomeus [illegible] luna [illegible] et est [illegible] domus eius regnat [illegible]

[illegible] signa [illegible] et est pla-
[illegible] in cauda [illegible] sua fe-
[illegible] moratur autem in quo-
libet [illegible] duobus et sex horis et bis
[illegible] diebus complet cursum suum
Singula inter omnes stellas circa terram est
[illegible] et vago motu suo circum-
fert [illegible]. Nam propter brevitatem circuli
sub [illegible] sub sole [illegible] super [illegible]
[illegible]. Et cum sol currit per circu-
los australes inferiores sit luna per cir-
culos boreales superiores. Sic luna [illegible]
[illegible] et velut navicula sursum habens
cornua. Sed quando est sub sole tunc habet cornua
versus terram [illegible] qui non [illegible]
[illegible] ut dicit Beda. Item luna
ipso certo diametro inter nos et solem oppo-
sita solet fieri eclipsis et defectus solis. Ista
autem defectio [illegible]
si in coniunctione solis et lune [illegible] novo
[illegible] et ista coniunctio in [illegible]
celebratur. Et hoc [illegible] quod sol est in capite
draconis et luna in cauda vel econverso ut dicit
Albumasar in libro de motu planetarum [illegible]
sit. Sic luna inter nos et solem obiciatur
defectum radiorum solis nobis facit in capite
vel in cauda draconis. Quid autem dicatur [illegible]
draconis et quid cauda post dicetur.
Item luna [illegible] positione [illegible]
[illegible] et solem defectum [illegible] est
passiva [illegible]
dicit. Luna defectus vel defectibus in
solarem [illegible] si fuit [illegible]
quod [illegible] obscuritatem in
solis [illegible] fiat. Sed iste defectus non
singulis fiunt quia [illegible] semper est in [illegible]
[illegible] et terra diametraliter
est opposita solaria corpora sibi opponuntur.
Item [illegible] defectus fit lune cum luna soli
[illegible] est opposita [illegible]
[illegible] sol [illegible] sub terra [illegible]
sol umbram [illegible] terre in lunam sibi
oppositam [illegible] lune [illegible]

per umbram terre interpositam inter se et solem
a suo lumine tunc privatur. Quia vero si-
gulis mensibus luna plena non fit in linea
ecliptica umbra interposita [illegible] singulis
mensibus luna suo lumine non privatur. Item
luna est quadam obscuritate obumbrata
[illegible] et hoc est ex propinquitate
[illegible] est obscura [illegible]
[illegible] a sole [illegible] alii dicunt
obscuritas est ex umbra terre [illegible] quandam
maculam [illegible] in corpore lune [illegible] lune
[illegible] Et hoc fit maxime
quando ad terram appropinquat ex cuius vicini-
tate [illegible] quasdam sordes
[illegible] ad altiores ascen-
dit [illegible] clara munda et nullis ma-
culis obscura [illegible] videtur ut dicit Agar. Item
luna est [illegible] temporis significativa. Nam
ut dicit Beda. Luna si in principio rubeat [illegible]
[illegible] ostendit si in summo cornu [illegible]
[illegible] maculis quibusdam nigrescit pluvio-
sum mensis exordium indicat. Et si [illegible] nigre-
scit in medio plenilunium serenum ostendit
[illegible] in nocturna claritate scintillat
ad [illegible] tempestates in brevi futuras
esse ut dicit idem Beda. Item luna in celesti
armonia est sonus gravissimus [illegible] ut
dicit Agar. In circulo enim lune fit mag-
[illegible] sicut in spera celesti fit accentus
Sic ordinatissimo [illegible] sono ex stridore mot-
[illegible] concordato dulcissimo ut dicit [illegible]
Item luna est [illegible] terre [illegible]
ministrativa [illegible] quod [illegible]
ex rore [illegible] corpore lune cadit ut di-
[illegible] Et ideo secundum fabulas dicitur proserpina
eo quod [illegible] in terra a gentilibus
credit esse dea. Sic etiam dicitur Diana
i. silvarum dea et nemorum quia [illegible]
[illegible] pascua [illegible] in nemoribus et in silvis
[illegible] administrat. Et ideo gentiles
[illegible] venatorum deam [illegible]
fit in silvis propter hoc Diana cum arcubus de-
pingebatur eo quod venatores arcubus utuntur
[illegible] humida ex vicinitate
solaris [illegible] caloris [illegible] Nam ex calore

solis et secundum recipit frigiditatem et humiditatem
sue recessus. Nam singulis mensibus in suo
descensu ad terram humores generat ut dicit
[illegible] luna ut dicit Albumasar
est causa modificationis motu suo quo
aer rarefit et stabilitur. Unde si non esset
motus specialis lune tanta aerem ex noc-
turna vapores exaltare grossitudo causata
inficeretur que corruptionem non modicam
generaret. ¶ Item luna secundum astrologos inter
planetas est super disponere corpora humana maxime
potestatiua. Nam ut dicit Ptholomeus in
libro de iudiciis aspectus lune generant egritudo
[illegible] timor et dampnum et / Unde medici hu-
manam corporum mutationem lunarem vel potentie
operatur. Et hoc accidit tam propter sui motus velo-
citatem tum et propter illius ad nos vicinitatem
tum et propter occulta sibi naturaliter insitam potentiam
Unde morborum mutationem medici periti non
discernunt que lunares effectus in [illegible]
non cognovit. Unde ypocras in primo prognosticorum
de luna ita loquens dicit quod est quoddam ce-
leste sydus in quo oportet medicum prudentem
considerare. Mirabile est et stupendum et
Galienus in commento de creticis diebus [illegible] dicens
certa quod non fallit. Attendat medicus qua-
[illegible] astrologi [illegible] quod per [illegible] luna
[illegible] coniunctionem cum stellis fortunatis fuerit eg-
ritudines terminabiles ad bonum, e contrario
non sic [illegible] ad malum. ¶ Et ideo cautus et per-
fectus medicus secundum doctrinam ypocratis
aspicere debet per lunam et quando est plena luna
quia tunc crescunt humores in corporibus et medulle
et fit [illegible] in mari et in omnibus rebus mo-
[illegible]. Cum igitur infirmus cadit in lecto
[illegible] est videndum utrum luna [illegible] combusti-
[illegible] infirmitas quousque [illegible]
ad oppositionem [illegible] scilicet in plenilunio [illegible]
[illegible] si fuerit cum malo planeta / aut in malo
signo et aspexerit dominum domus mortis
quod est signum octavum id est si aspexerit martem
qui dicitur dominus signi scorpionis tunc de mor-
te timendum est. Si autem fuerit in bono pla-
neta et in bona domo sive signo et aspexerit

dominum domus vite [illegible]
[illegible] signi [illegible]
de aliis [illegible]
[illegible] dicitur [illegible]
fit luna. De quibusdam malis pro-
prietatibus lune.

Habet autem luna quasdam proprietates mi-
nus laudabiles [illegible]
[illegible] obscuritatem cum non
habeat lumen sicut alii planete [illegible] ipsa [illegible]
[illegible] instabilitatem quia nullus side-
rum vagatur per omnes partes zodiaci sicut luna.
Contrahit [illegible] a malivolis stellis nocibilitatem
Nam ut dicit Ptholomeus luna est planeta
cum malis malivolus. Luna [illegible]
per suam oppositionem inter nos et solem aufert
a nobis solaris claritatem. Luna etiam quando [illegible]
[illegible] in umbra terre perdit lumen suum et [illegible]
[illegible] suam deformitatem et detestabilem
¶ [illegible] propter [illegible] quia [illegible]
[illegible] umbra terre [illegible]
[illegible] macula et deformitatem ut
dicit [illegible]. Luna et quanto plus recedit a
sole tanto plus recipit de lumine [illegible]
et minoratur [illegible] obtinet claritatem
Et quanto plus proficit et crescit [illegible]
tanto plus decrescit et deficit in [illegible]
[illegible] Nam ut dicit Ptholomeus
Luna [illegible] instabilitatem muta-
bilem de loco ad locum [illegible]
[illegible] oculus male dispositi [illegible]
[illegible]
altero maiore [illegible] strabones [illegible]
[illegible] in uno oculorum. Et [illegible]
complexione lunaris [illegible]
[illegible] in oculo non [illegible] Et hoc [illegible]
accidit propter recessum lunaris [illegible] oculorum
humores ad aliquam [illegible] qualitatem
disponunt. ¶ Dicit etiam in libro [illegible]
[illegible] Eclipsis lune maior [illegible]
si fuerit in signis [illegible]
[illegible] in [illegible]
Et in aere et in aquis si fuerit in signis

[illegible] abundantiam
[illegible] bacus pluvias
[illegible] constitutionem circa dentes
[illegible] Ulterius notandum quod luna
[illegible] signo post ascendens minorum
[illegible] et ablationem per partes
[illegible] in [illegible]
[illegible] et [illegible] mutabi-
[illegible] quod in [illegible]
[illegible] xii signis [illegible]
[illegible] cura et [illegible]
[illegible] in aliis domibus
[illegible] signis bonis effectus et producit maius
si bonis planetis fuerit associata. Cum ba-
[illegible] lune [illegible] humores
in arboribus et [illegible] in animalibus et diverse
passiones [illegible] lunari tentant in corporibus
ut patet in lunaticis et caducis. Et hec de
proprietatibus lune et aliorum planetarum
dicta sufficiant

De capite draconis et cauda

Sunt autem due stelle de numero planeta-
rum [illegible] planetae
scilicet caput draconis et cauda que moventur cum
firmamento contra firmamentum [illegible]
a leone transeunt in cancrum et a cancro
in geminos et sic deinceps. Durat autem
in quolibet signo caput draconis xviii
mensibus [illegible] et dimidio similiter et cauda
et in xviii annis complet cursum suum. Ubi si
caput est in aliquo signo semper in signo
opposito erit cauda, et verbi gratia si
caput est in cancro necesse erit in
[illegible] et cauda in [illegible], et si caput
fuerit in leone necesse erit [illegible] et
cauda in aquario [illegible]
[illegible] oppositus cauda est totaliter
[illegible] caput exaltatur
[illegible] in tribus gradibus geminorum [illegible]
in sagittario gradibus [illegible] cauda

de capite draconis et cauda

[illegible] exaltatur in tribus gradibus sagittarii et
cadit in tribus gradibus geminorum. Est aliud
advertendum quod quando luna coniungitur soli in ca-
pite vel cauda existente prope gradum
coniunctionis a xii gradibus vel infra semper
est eclipsis futura maior vel minor secundum
quod caput vel cauda magis vel minus accedit
ad gradum coniunctionis. Et hoc possibile so-
lum in eclipsi solis. Eodem modo de eclipsi lune
hoc tenendum est quia si luna fuerit cum
cauda in aliquo signo opposito erit eclipsis
lune et econverso si sol fuerit in aliquo signo
cum cauda et luna in signo opposito
cum capite erit [illegible] eclipsis lune. Et si
in eodem gradu fuerint erit eclipsis
[illegible] semper quod conveniat vel in
capite vel in cauda in eodem gradu sive
prope a xii gradibus et infra si debet fieri
eclipsis. Unde in coniunctione debet fieri ecli-
psis solis et lune quo ad signum et quo ad
gradum semper [illegible] et [illegible]. Ergo
apparet quod quamvis luna singulis mensibus con-
iungatur soli et accendatur non tamen semper
eclipsim facit quia non semper in linea e-
cliptica sic coniungitur, quia non semper acci-
dit luna in coniunctione in eodem gradu
nec etiam semper caput vel cauda vel
oppositione solis et lune sic coniungitur

De cometa

Cometa ut dicit beda est stella qui-
dam flammis circumcincta repente na-
scens regis mutationem aut pestilentiam
aut bella vel ventos sive estus significans
[illegible]. Comete stelle alii dicunt
[illegible] motu planetarum alii ponunt
immobiles sunt fixe semper [illegible] apparent
ut dicit idem beda in parte firmata in
celo. Non enim evagantur per diversas partes
zodiaci sicut planete [illegible]

de cometa

lacteo sive in galaxia et semper spargit radios versus aquilonem et nunc ad orientem, unde in parte occidentali non diu brevi tempore spatio habent apparere. s. p. vii diebus alii visa lxxx diebus sicut dicit beda. // Ex quibusdam autem stellis nascitur cometa sive de planetis sive de fixis semper in firmamento apparet in parte septentrionali sicut dicit idem. Ex quo patet quod stella que apparuit in ortu christi non fuit cometa quia movebatur ab oriente ad meridiem versus contra quod non solent facere motus cometarum ut dicit Grisostomus.

Stelle

De stellis

Stelle a stando sunt dicte quia sive semper moveantur semper tamen stare videntur ut dicit ysydorus. Unde et sydera a considerando dicta eo quod in eis mathematicorum consideratione multa iudicantur et videntur. Unde et astra ab astris vel [illegible] nuncupata eo quod aliquorum opinione stellarum corpora in spera firmamenti sicut clavi in rota confixa sunt [illegible], et hoc quidem verum est quo ad aliqua, et maxime quantum ad maiora ut dicit ysydorus. Ex [illegible] nus dicit quod stella est aggregata in suo orbe unde fiunt quod maior est aggregatio luminis in substantia stellaris corporis tanto maioris est quantitatis pulchrioris claritatis et amplioris potentie virtutis. Vocantur autem ab eo cum stelle sive sydera lucis vehicula, eo quod sunt corpora luminosa, luminis solaris contra nocturnas tenebras mortalibus defferentia munda super facte decoratia solis luce a quo recipiunt prout possunt superiora transmiserunt radiorum quantitate aereum depurgantia quorum [illegible] ture aufferentia, mundo inferiori pestilentie corruptella. ¶ Stellarum siquidem gubernant et ad concordiam vicorant [illegible] gratia elementa vero semper sunt [illegible] illustrant omnia suo calore salvant et [illegible] universa. Nam quam plures ut dicit beda stelle sunt [illegible] in celo in suo ornatu

esse [illegible]

[illegible] aut et [illegible]

[illegible] quantum et [illegible] stelle

[illegible] et distincte [illegible]

[illegible] frigiditatem [illegible]

[illegible] per [illegible] sunt [illegible]

calore effectum [illegible] se ipso

inflammant illud super quod [illegible]

sic in [illegible] infruentibus [illegible]

lorem vel aliquem radiorum [illegible]

et [illegible] in superficie [illegible]

inducunt unde radios ex hiis patet [illegible]

certum est quod sunt hiis magis [illegible]

plures [illegible]

Quo ad formam [illegible] quantum ad figuram sperice [illegible] quo ad substantiam [illegible] non possunt quo ad superficiem planitiem nullatenus asperam vel angulosam [illegible] sunt [illegible] quo ad motum [illegible] quo ad [illegible] sunt maxime quia propter [illegible] distantia videntur [illegible] quo ad innumerositatem innumerabiles [illegible] solum quia stellas vicerunt sicut sunt [illegible] quo ad potentiam [illegible] stelle sunt [illegible] [illegible] stelle sunt in [illegible] radiorum suorum emissione [illegible] noctis illuminantur sunt [illegible] orbibus [illegible] [illegible] quo [illegible] lumen sunt [illegible] [illegible] et [illegible] sunt [illegible] [illegible] [illegible] et promueat ut dicit beda. [illegible] et radiorum [illegible] maxime [illegible] mathematicis [illegible] sunt [illegible] navigantibus prospere et [illegible] in [illegible] stelle ad [illegible] sunt [illegible] maioris luminis sunt [illegible] patet in pleiadibus et in [illegible] galaxie

Et [illegible] videtur pulchritudinem
ex quadam [illegible] quia paucis sunt quando
et lumine [illegible] cum appareant singule
tamen considerate per se non apparent singu-
laris pulchritudo. Et huius causa est ut dicit
Agar quia veritatis fulgor datur per quandam
refulgentiam alterius in sufficientiam
in se sumit. Unde quod unum deest ex aliqua
defectibilitate alia supplet quia magis excel-
lentem claritatem. Item stelle propter locum sue
distantia sunt valde dispares sue ma-
gnitudines ostenduntur. Nam ut dicit Al-
fraganus que sunt communiter [illegible] sunt mag-
nitudine tanto sunt [illegible] videtur esse contrarium
[illegible] ex [illegible] aspectibus nostris
propter. Et ideo quanto plus elongantur in suo
ortu a visu [illegible] sunt [illegible]
visus occultis videntur [illegible] magis
magnitudine et [illegible] videtur [illegible]
quantitate in occasu quam in ortu ut dicit Beda.
Circa autem dicit aliquid esse super caput ca-
pit [illegible] videtur esse supra
caput nostrum. [illegible] non dicit [illegible]
ita posito super [illegible] [illegible] forte
est ut dicit idem quia vapores de terra
ascendentes [illegible] radios solis
[illegible] perfecte non [illegible]. Et ideo
potest [illegible] aspectu quod quod
[illegible] est [illegible] a solari radio ex-
tunc [illegible] apparet in se ipso. Et sicut
dicit Algazel [illegible] dicit sic quod
fulgor [illegible] a sano oculo [illegible]
[illegible] sicut [illegible] oculo sicut ar-
[illegible] ymaginis non videtur et putat
[illegible] oculus [illegible] videt in alio scilicet in
[illegible] tamen in altero non est
[illegible] potius [illegible] ipso. Sicut dicit Auc-
tor in [illegible] de [illegible] que juncta
[illegible]. Item stelle sunt [illegible]
in [illegible] [illegible] [illegible] [illegible]

Quibus enim tam [illegible] gratus [illegible] sydera
[illegible] nec [illegible] inferiora diso-
nancie [illegible] melodia sonorum [illegible]
propter acuitas [illegible] sonum grave infe-
riorum sicut dicit Agar. Item [illegible]
in libro de celo et mundo [illegible] stelle sunt ex ma-
teria corporis celi in suo [illegible] sicut [illegible]
[illegible] [illegible] splendide sicut celum in quo
[illegible]. Unde [illegible] stelle [illegible] lumen
proprium sicut luna. [illegible] stelle [illegible] sunt
luminose [illegible] tamen sue lumi-
nositatis [illegible] communicatur
[illegible] bonitate altera et boni-
tas [illegible] bonitatem alterius
sicut dicit in libro de [illegible] planetarum.
Item stelle propter [illegible] circulos et stellas sunt
[illegible] et ideo sunt circulus [illegible]
alii subintrant circulum alterius. Propter hoc pro-
[illegible] stelle non [illegible] sicut alius
per quas transeunt impedimentum vel [illegible]
[illegible] illatum. Item stelle quedam
ut dicit Agar. [illegible] oriuntur [illegible] occi-
dunt. Quedam vero tardius oriuntur [illegible] occasu
petunt. Quedam vero pariter oriuntur et tamen
non simul occidunt [illegible]. Hec autem
varietas ortus et occasus accidit vel ex
dispari altitudine circulorum in quibus oriuntur
vel ex elevatione sive depressione climatum
in quibus oriuntur videtur. Nam secundum varia
elevationem et depressionem corporis celestis
variis temporibus vel oriuntur vel occidunt.
Item stelle sunt tempus annorum scilicet mensium
et dierum distinctiva et permutativa. Nam sicut
dicit in libro de proprietatibus elementorum permutatio
temporum non est nisi per mutationem
stellarum in signis divisis super vii modis
climatum, ut ex permutatione lune singulis
xxviii diebus aut ex permutatione mercurii
et veneris in omnibus [illegible] sibi ut [illegible]
[illegible]. Aut ex permutatione solis in quolibet
anno aut ex permutatione martis in duobus
annis. Aut Jovis in xii. Aut Saturni in xxx.

Aut ex questione et permutatione triplicatur
ad triplicitatem in iii et iiii annis. Aut per
mutationem stellarum fixarum orbis primi
[illegible] in centum annis uno gradu que
accidit permutatio in annis xxxvi milibus
annorum. Et hic est annus magnus quod est [illegible]
[illegible] [illegible] in [illegible]

Oculi autem Ciceronis dicit a [illegible]. Istius
[illegible] anni [illegible] est [illegible] stellis
[illegible] omniaque sydera que aplanes [illegible]
a certo loco ad eundem [illegible]. Hoc
autem ut philosophi [illegible] post annorum [illegible]
lia [illegible] [illegible]. [illegible] super hoc
dixerunt philosophi [illegible] [illegible] est.
Quod non est nostrum diffinire quis ultimus
finis erit. Hoc enim solus novit [illegible]
dator, qui [illegible] et [illegible] in sua con
tinet potestate. De quadam stella que
appellatur polus

Polus ut dicit beda est stella parvis-
sima, a qua superior pars tota celi
est sic dicta. Duplex autem est pollus, scilicet
articus sive borrealis qui semper nobis po
let et relucet. Nobis enim numquam occidet
quia super nos existit. Unde pollus a polleo
est dictus quia continue mundo pollet et re-
lucet. Secundus pollus dicitur antarticus
id est australis pollo artico oppositus, qui
nobis semper est invisibilis. Inter istos
duos pollos qui sunt duo mundi extremitates
[illegible] semper volvitur firmamentum. Sed
duo polli numquam moventur et loco suo
circulariter sunt in spera sive circulo re
gestantur. Axis autem a pollo ad pollum
per medium centrum terre extenditur, circa
quem totus firmamentum [illegible] rapitur
et movetur. Hic autem axis non est materialis
sed potius quedam intellectualis que a pollo
usque ad pollum recto dyametro sicut
linea a puncto usque ad punctum intel
ligitur [illegible] [illegible] [illegible] [illegible]

mundi [illegible] [illegible] [illegible] [illegible]
[illegible] firmamentum [illegible] [illegible] stella
quo ad situm altissima [illegible] motu
velocissima quo [illegible] [illegible] mi
nima. Quamvis in se sit valde magna
quo ad situm [illegible] [illegible] situ
[illegible] [illegible] et [illegible] [illegible]
et celestium circulorum. Unde hec stella [illegible]
astrologis ponitur [illegible] [illegible] [illegible]
stella ita brevissimum circulum describit
propter nimiam elongationem et distantiam [illegible]
[illegible] situ est [illegible] magnitudinis
[illegible] quasi sit semper inmobilis. [illegible]
[illegible] [illegible] [illegible] maxime [illegible]
[illegible]. Et ideo vocatur stella maris [illegible]
navigantium et etiam navalis [illegible]
in mari est directiva. [illegible] [illegible] [illegible]
[illegible] [illegible] totius celi est [illegible] per
[illegible] artici [illegible] [illegible] ab aliis stellis
est distincta [illegible] [illegible] pollus articus
est [illegible] ut dicit beda. De quadam
stella que arturus nuncupatur

Arturus est signum a vii stellis sit-
um [illegible] [illegible] [illegible] [illegible]
ysydorus. Harum vii stellarum [illegible]
que in modum plaustri [illegible] latum sep
tentrionis vocantur. Septentrionem
autem [illegible] [illegible] [illegible] [illegible] [illegible]
quia isti axi et pollo [illegible] [illegible] [illegible]
[illegible] dicitur autem [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] antiqui
dixerunt ideo quod plaustro sunt quodam
figure [illegible] multe stelle
Inter quas est arturus
qui est [illegible] sydus post caudam ma
ioris urse positum. Unde [illegible] hec stella tota
constellatio illa arturus est vocata
ut dicit ysydorus, et [illegible] dicitur artur

[illegible] sua natura est [illegible]
[illegible] maiore solis
[illegible] et constri-
gendo [illegible] stelle cadere
et [illegible] quare [illegible]
[illegible] modum [illegible] disponitur
[illegible] sub pollo circa arctum [illegible]
[illegible] pollo [illegible] in-
[illegible] ille stelle [illegible]
[illegible] sicut [illegible] circa [illegible]
[illegible] circulus maior [illegible]
[illegible] agaro [illegible] et nunquam
ad [illegible] ut dicit [illegible]
[illegible] stellas [illegible] ad [illegible]
et [illegible] circa ad-
[illegible] et [illegible] ut dicit [illegible]
[illegible] superiores circulos [illegible]
altior quia pollo [illegible]
[illegible] maris [illegible] est [illegible]
noctis [illegible] posset nisi [illegible]
[illegible] nebulis [illegible]
[illegible] stellas [illegible]
ad modum fluminis [illegible] ut dicit
agar. yemali tempore in ortu suo maris
[illegible] et [illegible]
[illegible] aque et terre [illegible]
[illegible]

Derione (marginal)

De orione

Orion est astrum quod yemali noctis
[illegible]
[illegible] et tempesta-
[illegible] ab ortu [illegible]
undationes [illegible] aquarum [illegible]
ortu tempestatibus [illegible]
[illegible] et brachia [illegible]
[illegible]
[illegible] ut dicit [illegible]
[illegible]
est autem constellatio [illegible] notabilis [illegible]
[illegible]
[illegible]
[illegible] ad [illegible] ut dicit [illegible]

[illegible] illorum trium signorum [illegible]
[illegible] sui pulchritudinem [illegible]
ut dicit [illegible] gladiatum [illegible]
[illegible] in stellarum ordine [illegible]
dicit agar. [illegible]
bat in armis [illegible]
[illegible] signum est [illegible]
[illegible]
[illegible] tempestatum [illegible]
orionis in [illegible]
geminorum [illegible]
tempore [illegible] et ex terris
ut dicit [illegible] constellationem orionis sequitur
[illegible] stella que dicitur caniculla [illegible]
[illegible] et nociua que
[illegible] fingitur ut dicit
[illegible] est hec caniculla illa nociua
[illegible] in [illegible] que dicitur canicula et
[illegible] nuncupant sicut dicit [illegible]
Orion [illegible] in primo suo ortu tempestatem
[illegible] post [illegible] solis [illegible]
ad [illegible] solis existente in thauro
[illegible] abscondit sub radiis solis nec [illegible]
sua manifestat [illegible] claritatem [illegible]
[illegible] autem [illegible] in iulio [illegible] sol [illegible]
[illegible] geminis ad circulos [illegible] que [illegible]
patitur maxima distemperantia aeris quo
ad maximas [illegible] qualitates ut dicit agar.

De stella hyadibus

De stella hyad (marginal)

Hyades que et suculle dicuntur sunt
quedam stelle [illegible] in quarum
ortu pluuie multiplicantur ut dicit
ysydorus. Nam tunc temporis vapores
a mari et a terra per calores solares
[illegible] ad superiora fortius attrahuntur
qui in ortu [illegible] in pluuias resol-
uuntur. Et ideo ille stelle dicuntur hyades i.
suculle [illegible] humores vel resol-
[illegible] a fabulis [illegible]
ut dicit [illegible] autem [illegible] stelle
[illegible] in fronte thauri ut dicit agar.

Et tunc dies extenditur et sol fervencior ascendit [illegible] radiis solaris [illegible] apparet ut dicitur [illegible] Cum autem a sole [illegible] impellimur diversas generant tempestates ut dicit beda. Hyadum [illegible] fugere [illegible] quia tunc [illegible] pluvias [illegible] et plures habet constellationes [illegible] ad [illegible] stellas clarissimas [illegible] quae oriuntur in xvi° gradu tauri et turbant aerem in ortu suo ut dicit Albumasar.

pliadibus

De pliadibus

Pliades sunt vii stelle a pluralitate dicte que sibi sunt invicem quod ab invicem tam sunt distincte ut dicit glossa. [illegible] tempore oriuntur et tempore autem [illegible] minor est et frigidior tamen [illegible] ab aliis discernuntur. Una vero inter septem latere videtur quia nec ex toto se manifestat nec ex toto se occultat [illegible] ut dicit glossa et ysydorus. Sol in mense Junio per pliades intrat [illegible] et tunc aeris caliditas [illegible] pluviis temperatur et terra tunc ipsius florum pulchritudine adornatur ut dicit [illegible]. Hec [illegible] de Juno adamasse [illegible] quia fingitur fuisse una de pliadibus. Et fuit [illegible] signum [illegible] portat ut dicit [illegible]. Secundum Albumasar autem oriuntur pliades in xxii° gradu tauri cum hyadibus et motu suo turbant aerem.

stella canicula

De stella canicula

Canicula est quaedam stella lucidissima quae oritur secundum Albumasar in [illegible] gradu cancri in cuius ortu magna fit turbatio aeris. Ab hac stella dies caniculares in quibus sanguinis minutio vel medicina laxativa [illegible] est summe periculosum propter excessum distemperantie aeris

Ut caloris [illegible] sub cane [illegible] [illegible] dicitur [illegible] est periculosa [illegible] calidior [illegible] frigore [illegible] calida stella [illegible] cum meridiana [illegible] medicina [illegible] calidi et [illegible] forsitan [illegible] medicina [illegible] evaporatur [illegible] minus evaporant [illegible] corporis [illegible] calor aeris [illegible] dicit [illegible] Galienus calor [illegible] medicine [illegible] impugnat [illegible] Canicula [illegible] est [illegible] et [illegible] plures [illegible] dies caniculares a xv kalendas augusti usque ad nonas septembris [illegible] sic [illegible].

De luce

Lux ut dicit basilius est ipsius [illegible] [illegible] vel [illegible] sit [illegible] auctores. Nam Aristoteles dicit [illegible] lumen esse [illegible] [illegible] et [illegible] lumen [illegible] [illegible] beatus Augustinus [illegible] ad [illegible] est [illegible] corporea sunt simpliciora [illegible] corporalium [illegible] sunt mobiles et [illegible] et [illegible] resistentie et [illegible] et [illegible] sunt [illegible] Omnis [illegible] et [illegible] sunt [illegible] sunt [illegible] incommutabiles. Nam lux in corporibus nihil utilius nihil [illegible] nihil [illegible] nihil subtilius nihil [illegible] virtuosius [illegible]. Est autem differentia inter lucem et lumen. Nam lumen est quoddam

[illegible] [illegible] irradiatio a fluo
[illegible] [illegible] dicit ipam fontalē
spem [illegible] lumīs [illegible]. Si eniz
sit [illegible] accidens accidens autem
p se [illegible] [illegible] una forma sub sub
iecto dum si lux in aere [illegible], lux
a una forma aeris quod esse no pot.
Preterea lux mutat subiectum suum quod
[illegible] lux est nate prius in oriē
te [illegible] no in occidente, et lux
orientalis quasi proxima sibi, et ita
[illegible] ipse ad occidente. Accidens no
no [illegible] mutat suum obiectum, nec extra
illud agit, ex quo videt quod lux no sit
accidens. Preterea si sit accidens aeris
motio moveret aer subito ab oriē
in occidentem sicut subitum motum lucis
[illegible] dicit moveri subito no quod aer
nec aliquod elementum. Preterea lux nobis
est nobilius accidens autem est ignobile
ipsa substantia, ex quo videt quod lux est corpus
difficile est intelligere qualiter lux sit
cum aere, vel cum aliquo corpore [illegible]
no, ut in cristallo, cum duo corpora no
simul in eodem [illegible]. Non est tamen
inconveniens nec impossibile corpu
lucem esse substantiam corpoream et esse simul
cum alio corpore, sicut cum aqua et
cinere mixtis [illegible], et [illegible] salva
corporalitate et localitate utriusque sub
stantie [illegible] [illegible] simul mixti
ant aqua et cinis, per hunc tamen aqua
in sua corpore et partium suarum [illegible]
et [illegible] et cinis in sua, sic
per ista mixtionem [illegible] simul
duo sunt corporalia [illegible] loco.
Aqua enim [illegible] suum locum proprium et ci
nis suum, sic [illegible] lux in aere vel
in quolibet alio [illegible] salva utriusque [illegible]

et partium suarum substantialium [illegible]. Unde et lux
[illegible] ad [illegible] aeris vel cristalli
[illegible] suum locum [illegible] [illegible] [illegible]
et a substantia adiuncti sibi [illegible] distinguentur
quis non possit pro simplicitate sue sub
stantie [illegible] vel [illegible] quod mira
bilius est multe lucis [illegible] [illegible]
[illegible] et [illegible] [illegible] salva
cuiuslibet forma substantiali, quod ab alia differt
licet nulla [illegible] alterius sit materialis, vel
formalis, sicut magister docet, et dic
Dyonisius in [illegible] de divinis nominibus cuius
sunt hec verba. Luminaria igitur lampadar
cum sint in domo una tota invicem,
totis sunt [illegible] [illegible] [illegible] [illegible]
[illegible], [illegible] [illegible], et [illegible]
[illegible] [illegible] [illegible] enim multis ad
unum lumen accensis lampadibus [illegible]
omnia luminaria una claritate indiscrete
relucent. Nec poterit [illegible] ut arbitror
aliquis [illegible] ab aliis ex aere [illegible]
[illegible] simul [illegible] [illegible], aut
alterum sine altero [illegible], totum [illegible] in
unum contemperatum. Subducta autem [illegible]
una simul et propriam lucem [illegible]
nihil secum ceterorum luminum auferens, aut
de suo [illegible] aliquid relinquens, erat enim
omnium ut dictum est perfecta unitas uni
versalis permixta, et nulla parte confusa.
Que si tanta in hoc [illegible] et materiali lumine
[illegible] Dyonisius, magister docet
luminaria simul unita salva cuiuslibet
[illegible] substantiali et accidentali, quas differunt
[illegible], sive accidentis sive [illegible]. Lux
[illegible] secundum Dyonisium est substantia in se [illegible]
a qua procedit irradiatio [illegible], et ita
illuminatio corporum aliorum, semper [illegible]
[illegible] lux in se, et tamen no semper illumi
nat sed solum [illegible] invenit corpus [illegible]
[illegible] dispositum et aptum ad illuminatio
nem ut dicit Augustinus. Substantia enim

celorum vero est lux que in corporibus obtinet
primum locum et in celis non illuminat in tene-
bris celi in nocte. Recipit ergo lux lucet
visibiliter et tenebris non semper illu-
minat visibiliter. Unde virtutis lucis sentit
et percipit omnis creatura invisibiliter
cum operatur virtus lucis sensibiliter motum
in animalibus ut dicit in libro [illegible]
[illegible] Albumasar in libro de iudiciis astrorum
[illegible] stellarum lux [illegible]
nocte [illegible]
omne corpus [illegible] est lux
stellarum et nocte [illegible] non videtur [illegible]
et operatio lucis est manifesta in mari quod
fluit et refluit per applicationem lune
ad aliquem situm sive illuminet aerem sive
non in hiis vaporibus et terre ubi non attingit lu-
men virtus lucis operatur ut patet in mine-
ralibus et rebus aliis ibi generatis. Et
breviter potentia lucis necessaria est in omni cor-
pore mixto per quam omnia in illo mixto [illegible]

¶ Lux itaque a summo celo empyreo usque
ad centrum mundi est diffusa. Que in sua
substantia et radice una est et simplex varia-
ta tamen secundum diversitatem recipientium
sicut solis sive aliorum corporum superiorum vel
inferiorum ubi est. Variata substantia virtus et operatio
lucis licet non luminositas. Hec est primo-
genita lux que creata fuit et primo ut dicit
Basilius que solari et celestibus corporibus
quarto die factis supervenit. Unde sol et celestia si-
dera sunt quasi vehicula que
propter susceptionem lucis incorporalis suffi-
ciunt sine sui conditione ad illumi-
nationem perpetuam et perhennem. Unde ista
lux usque attingit et omnia corpora secundum magis
et minus perficit et disponit. Lux [illegible]
radix et fundamentum omnis illuminationis
una est in substantia que non generatur a celestibus
ab aliquo corpore inferiori sed magis generat
omnia corpora [illegible] formalis est
licet in se sit [illegible] et ideo

lux [illegible] [illegible]
que non formalis est [illegible]
[illegible] forma [illegible]
[illegible] quo [illegible] lux
[illegible] corporum [illegible] forma et
maxime forma [illegible]
[illegible]
in [illegible] forme [illegible]
[illegible] quod [illegible]
[illegible] ad formam suam ut dicit [illegible]
que forma [illegible] est nobilior [illegible]
sua plus extendit ut dicit [illegible]
forma lucis que est nobilissima [illegible]
formarum corporalium maxime [illegible]
[illegible] et ideo [illegible]
sue lucis [illegible]
[illegible] orbis [illegible]
[illegible] et forme [illegible] actualiter
ut dicit Alg. [illegible] est lux simplex
et uniformis in sua natura [illegible] diffusa
sunt lumina [illegible] distincta [illegible]
[illegible] in uno [illegible] uniformiter [illegible]
[illegible] intrat [illegible]
sibiles tamen [illegible]
Non est ergo [illegible] duo [illegible]
esse simul [illegible] est [illegible] formale
et complementum [illegible] reliquum autem
est [illegible] duo autem corpora
glorificata in [illegible] non possunt
[illegible] naturale potest esse in
aliquo vel formale [illegible] et
non glorificatum simul [illegible] alique
[illegible] Lux
[illegible] ut dicit Basilius maxime est mobilis
[illegible]
[illegible]
[illegible]
[illegible] Lux [illegible]
[illegible] ad intima [illegible]
[illegible] penetrativa [illegible]
[illegible] et [illegible] in [illegible]
poribus [illegible] in concordia et [illegible]
[illegible] radiorum suorum [illegible]

[illegible] fractione et reflexione
[illegible] ut dicit [illegible]
[illegible] et [illegible]
[illegible] est [illegible] et diversitas sui spi
ritualis [illegible] Lux vero se multi
plicat [illegible] gignit [illegible] lux et
lux [illegible] simul gignit et generat lux
[illegible] et sic [illegible] instanti [illegible]
[illegible] totum orbem [illegible] lux est sui
et aliorum manifestativa colorum per sui incor
porationem in superficie [illegible]
[illegible] dicit Augustinus lux [illegible]
[illegible] insidias produ
[illegible] et [illegible]
[illegible] forma et [illegible] et in
dicat [illegible] lux omnia corpora occulta
[illegible] et ignota [illegible]
[illegible] omnia in tenebris [illegible]
[illegible] Lux igitur [illegible] et
Basilius est pulchritudo [illegible]
[illegible] manet in aspectu est [illegible]
[illegible] umbra laudibus facit digna [illegible]
dicit idem Basilius est angelorum et [illegible]
super celum [illegible]
[illegible] est [illegible] manifesta [illegible]
lux sine diminutione est luminositas
sine manifestativa et diffusiva [illegible]
[illegible] corporis [illegible]
[illegible] ad [illegible]
ad [illegible] ut dicit idem [illegible]
[illegible] dignat [illegible] quod
ad suam [illegible] operationem [illegible]
[illegible] nihil [illegible] purius
[illegible] transiens [illegible]
[illegible] cuius opera
tione [illegible] in corporibus [illegible]
Splendor est quidam effluxus [illegible]
[illegible] aut [illegible] sive alte
[illegible] conjunctione lucis [illegible]
[illegible] ut dicit Augustinus
[illegible] est ignis [illegible] est splendor
[illegible] splendor [illegible]
[illegible] lux sive lucis

diminutione sive puritas lucis [illegible]
natione sine distinctione [illegible]
et aliorum manifestativa [illegible]
ut dicit Basilius

De lumine

Lumen differt a luce [illegible]
[illegible] lumen lux est [illegible]
[illegible] lux est lumen [illegible] est effluxus
a [illegible] in aere [illegible] diafano [illegible]
receptus et undique circumfusus ¶ [illegible]
[illegible] est lumen [illegible] perfecte
[illegible] reflexum fractum et diversum Reflexum
[illegible] in speculo et aliis politis corporibus
[illegible] est lumen receptum. Aliud vero
lumen fractum [illegible] lumen [illegible] ad corpus
[illegible] quod non est omnino durum
[illegible] omnino obdu
ratum lumen illud non transit [illegible]
[illegible] distante [illegible] ab [illegible]
[illegible] ista vocatur fractio radii. Tertium
lumen est diversum quod non repellitur
nec [illegible] aliquo modo [illegible]
et transit liber et facit [illegible] proprietas
istud lumen est aeris et aliorum corporum
transparentium perfectivum decorativum formarum
et figurarum [illegible] oculorum [illegible]
Oculis [illegible] et [illegible] est lumen [illegible]
et molestativum [illegible] corpori
et [illegible] formarum et specierum in
superficie speculi vel politi corporis [illegible]
[illegible]. Nam lumen ad superficiem politi
[illegible] in angulis equalibus
[illegible] reflectitur et [illegible] formas
sibi [illegible] quod [illegible] est [illegible] in
superficie speculi [illegible] ymagines
et figuras ¶ Lumen et est [illegible] dispo
sitione [illegible] qua [illegible]
susceptione [illegible] claritatis [illegible]
in [illegible] atque pura et
[illegible] in [illegible] et obscura
[illegible] diafana [illegible]
[illegible] irradians [illegible]
[illegible] et [illegible] ut dicit Dyonisius

Et quanto perfectius illi infunditur tanto
latius ex ea reflexa ad alia derivatur
Si vero fuerit aut ad grossiorem materiam aliquam
fit obstructio distributiva apparitionis
[illegible] in via grossa [illegible]
capit impotentiam sua [illegible] effundit [illegible]
[illegible] obstante [illegible] grossities
[illegible] quod illuminatio recepta distri-
buatur [illegible] substantiis [illegible]
perfectius [illegible] et [illegible] suppres-
sionibus minorat. Ex quo [illegible] quod sub-
tilissimus et purissimus materie lumen
perfecte [illegible] [illegible] et obvius
et repulsam pati [illegible].

De radio

Radius est quedam luminosa pro-
fundo defluxio a quo mediante
lux et lumen sua perficit claritatem et
actionem ut dicit Basilius. Radius autem
alius est perpendicularis et rectus qui au-
a corpore luminoso emissus recto lumine
motu sine digressione aliqua procedit con-
tra. Alius autem est collateralis et [illegible]
qui a corpore luminoso exiens et aliquod
dyafanum [illegible] non recte procedit
sed obliquat motum suum et talis obliqua-
tio vocatur radii fractio. Alius vero est refle-
xus qui quando a suo principio recte vel ob-
lique egreditur sed a corpore obviante re-
pellitur et reprimitur. Et talis repressa vel
repressio vel radii flexio nuncupatur
ut dicit auctor perspective. Radius itaque
luminosus mobilis et agilis [illegible] est
et orbicularis [illegible] continuus maxime
si rectus sit perpendicularis. Contingit
tamen radium frangi et obliquari et [illegible]
ad partem oppositam [illegible] secundum dispositio-
nem [illegible] quia [illegible] vel quia [illegible]
[illegible] radius in nube [illegible]
[illegible] diversas operatur in nube vel
in aere formas colores [illegible]
[illegible] in coloribus [illegible] quod nihil
aliud est vel dicitur esse nisi [illegible]

radiorum in [illegible]
dicitur [illegible]
[illegible] radiorum [illegible]
[illegible] [illegible] et [illegible]
[illegible] in loco [illegible] Na-
radii [illegible]
Et ista fuit causa [illegible]
[illegible] inflammat ut patet in [illegible]
[illegible] ex [illegible] oppositionem [illegible]
duos solares [illegible] apposita [illegible]
et [illegible]

De umbra

Umbra est obiecto corporis [illegible]
[illegible] et [illegible] ad latus [illegible]
corporis luminosi. Et est umbra [illegible]
[illegible] per [illegible] [illegible]
[illegible] corpus luminosum [illegible] rotundum
aliquando est maius quam corpus obiectum [illegible]
equale [illegible] minus. Et equale [illegible]
umbra equalis et rotunda et talis um-
bra dicitur [illegible] equalis rotunda
vel si minus sit obstaculo facit umbra
[illegible] in [illegible] ad modum calati et
talis umbra dicitur [illegible] Si de
corpus luminosum maius sit corpore
[illegible] facit umbra [illegible] in acu-
[illegible] et talis umbra dicitur [illegible]
Et quia [illegible] sol sit maior terra ipsa
terra facit umbra [illegible]
igitur quod terra sit [illegible]
[illegible] umbram
[illegible] luna [illegible] eclipsis
lune fiat [illegible]
[illegible] recipit [illegible]
[illegible] opposita [illegible]
et illuminatur [illegible] terra [illegible]
solis est opposita luna fit umbra [illegible]
[illegible] et [illegible] umbra [illegible]
et eclipsis [illegible]
umbra non [illegible]
[illegible] a radiis [illegible] partibus
illuminatur et [illegible] eclipsis

[illegible] [illegible] illuminato existitur
[illegible] umbra [illegible] solaris caloris
[illegible] splendoris radiorum solis [illegible]
[illegible] [illegible] et frigidatur. Sic inductiua [illegible] amica et colubrorum [illegible]
[illegible] [illegible] et [illegible] refugii
[illegible] [illegible] retardatiua
timoris et horroris [illegible]
[illegible] est corpus [illegible] corporis est [illegible]
[illegible] corporum motu et in quantum est
[illegible] configuratiua, nam motu corporis
[illegible] et [illegible] figura
[illegible] et [illegible] figuratiua
[illegible] Est enim [illegible] est longior et [illegible]
in celo stat altior tanto obiecti corporis
umbra [illegible] minor et [illegible] Et [illegible] sole oriente [illegible] umbra maior / similiter et
in occasu [illegible] in meridie

De tenebra

Tenebra est lucis absentia a tenendo dicta, ligat enim et tenet oculos
ne [illegible] [illegible], et sic nihil
est nisi pura [illegible] [illegible] tenebra [illegible]
dicitur aer obscurus vel umbra opaci
corporis ut dicit Basilius in [illegible]
et situ [illegible] timorem [illegible]
locum pulchritudinem tollit [illegible]
diminuit [illegible] [illegible]

Explicit liber octauus. Incipit Nonus

Post quam diximus de proprietatibus celi et partium eius, [illegible] sacra pagina [illegible] mentionem [illegible] est [illegible] compendio [illegible] s. de motu et mensura motus i. de proprietatibus temporis et partium eius. ¶ Causatur autem motus

primo et [illegible] ad [illegible] motum celi, qui motus primus est et simplicissimus ut dicitur in libro de celo et mundo, nec est similis motui inferiorum corruptibilium et [illegible] causa [illegible] est motus inferioris [illegible] motus [illegible] inferiorum [illegible] procedit ex incorruptibili et uniformi motu celi superioris, ut dicit [illegible] Motus autem est transitus a termino in terminum [illegible] ut dicitur in fine libri [illegible] Omne enim quod permutatur de [illegible] in [illegible] mutatur. ¶ Et sunt sex species motus s. generatio, corruptio, alteratio, augmentum, diminutio et secundum locum mutatio. Ut dicit [illegible] motus [illegible] permutationis [illegible] [illegible] revolubilis et [illegible] [illegible] [illegible] [illegible] revolubilis autem [illegible] mutat locum [illegible] totum [illegible] singulas partes. Circularis [illegible] quia mutat locum ut patet in motu planetarum. Rectus autem semper mutat locum [illegible] est in actu. Aut enim mouetur a centro ad circumferentiam ut ignis aer et [illegible] leuia que [illegible] sursum. Aut [illegible] mouentur deorsum ad centrum ut grauia sicut aqua et terra. [illegible] motus habet sex species. Est enim dexter, sinister, ante, retro, superior, inferior. Compositus [illegible] motus est qui ex duobus motibus [illegible] sicut motus ligni in quo accendit ignis.
¶ Motus autem insuper hoc habet proprium quod ex [illegible] motu generatur calor, ut patet ex motu [illegible] orbis ex cuius confricatione et motu inflammatur ether ut dicit [illegible] et ex motu liquescit plumbum. Qui est in [illegible] ut dicit [illegible] Motus et non potest mensurari nisi [illegible] mensura spatii in quo est motus. Quod autem [illegible] mouet aut mouetur [illegible] sicut adamas mouet ferrum aut ex violentia sicut ex forti impulsu venti mouetur nauis. Aut voluntate sicut mouetur corpus prout vult animus. Motus [illegible] mutationis est duplex, vel mutationis de loco ad locum vel mutationis

de tenebra

Explicit liber 8us Incipit 9us liber

dispositionis ad dissolucionem. De loco ad locum aut naturaliter aut per violentiam. Lapis enim quanto ab alto dimittitur tanto magis descendit [illegible] est eius motus magis spaciosus. Unde intenditur motus in fine velocius. Sed quod movetur per violentiam terminus motus est in uno motus velocius et cum velocior erit a suo [illegible] tanto debilior erit motus ut patet in sagitta ab arcu emissa que tamen a ex motus post prohibetur que in ultimo nihil penetrat neque ledit. Motus vero generationis est transmutativus nature et mutativus caloris et [illegible] tivus, tamen aque [illegible] caloris naturalis confortativus appetitus excitativus, medicine [illegible] desiccandum corpus [illegible]. Unde dicit Ypocras: In vobis elleboro dum [illegible] motu [illegible].

Item si fuerit motus a centro ad circumferentiam erit maxime nature extensivus diffusivus et dilatativus. Si vero fiat motus a circumferentia usque ad centrum erit aggregativus caloris inspissativus et constrictivus. Item motus temperatus est nature [illegible] corporis confortativus. Immoderatus vero est nature destructivus.

De tempore

Tempus est rerum mutabilium mensura ut dicit Aristoteles in libro de quinque substantiis. Tempus est mensura mutationis in omni eo quod mensurat. Vel sicut dicit Ra[banus]: Tempus est distinctio rerum mutabilium secundum moram et motum [illegible] mutabilibus ut dicit A[ugustinus]. Nihil prohibet tempore quod cum possint duo posse simul esse vel plura, sed duo momenta simul esse non possunt. Unde tempus temporaliter non [illegible]. Permissio cuius temporis vertibilis est. Unde est tempus mutabile et instabile et irrevocabile. Cum motu et mobili incipit. Quo primo deficiente tempus finitur. Et id

non erit in futuro [illegible] nihil nisi est [illegible] erit [illegible] nihil commune [illegible] [illegible] per nihil est [illegible] primo quod incipit desinit [illegible] et ita quod preteritum est finis presentis [illegible] est futuri. Cum enim tempus [illegible] tudinibus [illegible] [illegible] tempus et [illegible] semper est dies est nox [illegible] dicit [illegible] alibi dies alibi nox. [illegible] nihil imperceptibilius ut dicit Ysidorus. Tempus [illegible] digno [illegible] [illegible] [illegible]. Item tempore nihil est alterabilius et in tempore nihil periculosius [illegible] Ypocras mutationes temporum [illegible] generant morbos [illegible] mutatio [illegible] [illegible] et [illegible] non patitur [illegible] mutationes ut dicit idem Ypocras. [illegible] mutatur tempus [illegible] infirmitates [illegible] [illegible] qualitatibus temperato tempore nihil salubrius ut dicit in amphorismis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] erit [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nihil est [illegible] partes enim [illegible] [illegible]. Unde dicit [illegible]. [illegible] quod [illegible] [illegible] [illegible] [illegible] et [illegible].

De anno

Annus ut dicit Ysidorus est solis revolutio cum [illegible] [illegible] [illegible] diebus et quadrante redit ad locum suum. Est autem [illegible] [illegible] [illegible] [illegible] [illegible]. Unde annus dicitur ab an[illegible] est [illegible] circulus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et in se [illegible] [illegible] ut dicit Ysidorus. [illegible] anno [illegible]

d. anno.

[illegible] ... minus anno solari
[illegible] ... annus solaris qui xii
[illegible] ... dicitur planete habent annos
[illegible] ... sicut mensis suos et quos
[illegible] ... diebus, iupiter in xii et saturnus
in xxx, et est annus magnus qui dicitur
[illegible] ... omnes stelle ... revertuntur
[illegible] ... et primum creationis sue
[illegible] ... annus sunt ... in processu
[illegible] ... temporis ... sicut ... propter
[illegible] ... sicut platonici
[illegible] ... nulla ... annus ... sicut
[illegible] quatuor ... Est autem
[illegible] ... solaris ... quatuor temporibus
[illegible] estivale autumpnale et yemale
... dicuntur tempora quia suis qualitatibus
... temperant, ut dicit ysidorus.
Et dicuntur ... quia ...
... et ... in ... statum pertu-
rbant ut dicit ysidorus.

*Hic loquitur de duobus solstitiis et duobus equinoctiis*

In his quatuor anni temporibus accidunt duo
solstitia et duo equinoctia in vere et
in autumpno. Solstitium autem est maxima
inequalitas diei et noctis facta quod quidem
accidit in ingressu solis in cancrum et in
capricornum. In cancrum primum ad solstitium esti-
vale, in capricornum secundum ad yemale. Et
dicitur solstitium quasi solis status ...
vel quia sol ibi stare sentitur propter longi-
tudinem dierum aut noctium ut stare in
... vel in ... vel quia
in estivo solstitio ... stat in estivali ...
potest plus ascendere ad nos. In yemali
... plus ... elon-
gari. Equinoctium est maxima equalitas diei
et ... noctis quod accidit in ingres-
su solis in arietem et in libra. Primum
est vernale, secundum autumpnale. In his quatuor
temporibus fiunt quatuor ieiunia que dicuntur ... quorum
primum fit in prima septimana xle. secundum est

[b]revis, Prima est estiva in septimana penthecostes
iia est autumpnalis in iiia feria septembris
iiia est vernalis quod fit in septimana ...
... ante nativitatem domini. Annus itaque
solaris est annus incipiens a ianuario
et terminatur in decembri, et est spatium
in quo revolvitur sol circumiens xii signa
zodiaci et quadrante, i. sex horis
que sunt quarta pars diei naturalis. Iste autem sex
hore ... in anno ... collecte
... in anno bisextili

*De bissexto et loco eius*

Oritur autem bissextus collectio quadam
xxiiii horarum omissarum in tribus
annis, scilicet sex horis quibus annus ad complementum
unius diei ex xxiiii horis, et propter ad-
ditionem dicitur annus bissextilis, quando
in anno quo accidit in februario bis
sexto kalendas pronunciamus. Vel dicitur bissextus
ex bis sex unciis collectis. Et triginta
enim momentis quibus sol morat in quolibet
signo ultra xxx ~~gradus~~ dies et xxxta
tamen revolliguntur singulis annis hore
vi que collecte per tres annos faciunt
in quarto anno diem bissextilem ut dicit
beda, sed hoc quere magis diffusius
in compoto.

*De anno lunari*

Annus lunaris quandoque dicitur spatium
quo luna revolvitur ab uno puncto
zodiaci ad idem punctum quod continet fere
quosdam xxvii dies et viii horas. Quandoque dicitur
annus lunaris spatium quo volvitur a con-
iunctione ad coniunctionem vel ab illumi-
natione ad illuminationem, et tale spatium
superat primum duobus diebus et sex horis.
Dicitur autem quod luna esse in coniunctione ita dire-
cte est sub sole quod nulla pars superficialis
respiciens nos apparet illuminata
tota non est illuminata quando luna plena
post coniunctionem itaque luna recedit a sole

de bisexto et loco eius

de anno lunari

Et relinquit eum in aliquo puncto zodiaci [illegible] id idem punctum non [illegible] [illegible] proficit in suo motu [illegible] oportet eum consumere duos dies et sex horas [illegible] illa consequatur et tale spatium dicitur lunatio. [illegible] dicitur annus lunaris spatium continens xii lunationes quae dividitur a compotistis in xii partes et per sex imparis [illegible] quae menses sunt [illegible] vel paris
Par [illegible] lunatio [illegible] imparis [illegible]
pari [illegible] annus [illegible] lunaris [illegible]
tales lunationes [illegible]
dies [illegible] xxx [illegible] totidem [illegible]
perficiunt tantam summam [illegible] solaris [illegible] superat [illegible] annum lunarem in
xi diebus. qui [illegible]
lune [illegible] singulis annis [illegible]
[illegible] ista quod si in hoc anno [illegible]
in [illegible] alicuius [illegible] in [illegible]
no erit xi.

*Item nota de anno lunari et embolismali* (in margin: nota de anno lunari embolismali)

Quandoque etiam dicitur annus embolismalis. et dicitur ille annus embolismalis in quo cadit et colligitur una lunatio xxx dierum collecta ex illis xi diebus in quibus superat annus solaris lunarem, scilicet tertius annus est embolismalis quia in illo colligitur lunatio xxx dierum tribus diebus de superabundantibus [illegible] xi faciunt xxxiii [illegible] in sex [illegible] aliis diebus tribus [illegible] in octo [illegible] annis embolismalis est addere illis iii diebus ad illos xxx dies qui [illegible] superabundantia [illegible] anni [illegible] colliguntur. [illegible] si hec lunatio embolismalis octavi anni sit xxx dierum oportet [illegible] duos dies ex embolismali [illegible] et ita procedendum est usque ad xix annos [illegible] embolismales [illegible]

duos annos [illegible] embolismales
embolismales [illegible]
xi xiiii xvii et xix [illegible]
annus autem lunaris [illegible]
est [illegible] hebreos [illegible] quod [illegible] dicitur
[illegible] assignare [illegible]
[illegible] et [illegible] observant et [illegible]
incipit a lunatione [illegible]
et in [illegible] xiiii [illegible]
[illegible]
[illegible] et legalis est [illegible]
qui dicitur [illegible] aliquo
[illegible] notabili [illegible]
[illegible]
[illegible] et [illegible]
[illegible] et aliis [illegible]
[illegible] legalis [illegible]
[illegible] et [illegible] multi [illegible]
[illegible] in biblia ad concordiam [illegible]
[illegible] dicitur [illegible]

De vere

Ver est primum anni tempus [illegible] sol in signa per [illegible] et [illegible] per [illegible] [illegible] constantinus in pantegni [illegible] Restat autem [illegible] est [illegible] [illegible] ab utroque pollo [illegible] distat. Durat autem tempus [illegible] usque in finem [illegible] sol discurrit per tria signa [illegible] ad tempus [illegible] Primus [illegible] est [illegible] xviii dies [illegible] usque in [illegible] est [illegible] in diem [illegible] [illegible] est [illegible] et [illegible] tempus [illegible] et [illegible] [illegible] multiplicatur [illegible] et humores [illegible]

fiunt [illegible] calore vernali [illegible]
[illegible] vere [illegible]
qualitatum [illegible] sanguinem [illegible]
et [illegible] acuitur [illegible] ut
dicit [illegible] Galienus [illegible]
[illegible] humores [illegible]
[illegible] in hijs duabus qualitatibus
[illegible] caliditas est causa [illegible]
[illegible] et augmenti [illegible]
[illegible] et ideo in vere magis ge-
neratur sanguis qui magis est necessarius
[illegible] corporis. Unde dicit in amph[illegible]
[illegible] et borealis aer [illegible]
[illegible] est austrinus [illegible] est estate [illegible]
[illegible] acutas [illegible] obtalmias et dissinterias
maxime in humidis [illegible] ut dicit Commenta-
tor [illegible] humores [illegible]
[illegible] acuuntur [illegible]
distemperate multe superfluitates [illegible]
et per calorem [illegible] resolvuntur [illegible] estate [illegible]
[illegible] est [illegible]
[illegible] et fiunt febres acute [illegible]
et multas alias passiones [illegible]
fuit sicca et humida [illegible]
[illegible] est in estate [illegible]
et mulieres parituras [illegible]
abortire. Cuius [illegible] assignat Ga-
lienus [illegible] dicens [illegible]
corpora [illegible] in hyeme [illegible] calida
et humida terrea [illegible] et rara. Unde [illegible]
[illegible] subito [illegible] ad
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] vere [illegible] tempus
[illegible] appetit
radices et herbas in terra latentes [illegible]
dicit [illegible] et [illegible] solvi-
tur et videntur floribus et herbis terram
renovat et [illegible] superficiem
[illegible] induit et [illegible] vere
a [illegible] dicitur vel vigore quia tunc [illegible]

et arbores virescunt incipiunt et frondere.
¶ Tempus veris est tempus [illegible] agriculture et
laboris, tempus leticie et amoris. Ver-
nali enim tempore [illegible]
terra viret, silva frondet, prata florent,
celum splendet, [illegible]
[illegible] et [illegible]
[illegible] mortua [illegible] vernali tem-
pore renovantur. ¶ Cum [illegible]
vernalis [illegible] usus [illegible]
Aque [illegible]
ad bibendum [illegible] tunc resolu-
[illegible] et a venis et aliis membris
tunc [illegible] infirmitatibus infirmantur.
Et ideo [illegible] consulit Const[antinus]
[illegible] per [illegible] subtiliationem subti-
[illegible]

De estate

Estas calida est et sicca cuius initium
est cum sol fuerit in prima parte cancri
et tunc sol est in maxima elevatione quo
ad nos et [illegible] paulatim incipit descendere
usque in finem virginis. Et habet estas tres
menses sicut et ver ut dicit Const[antinus].
Primus mensis est cancri a xvii junii
usque ad xvii julii. Secundus est cum sol est
in leone a xvii die julii usque ad xvii
augusti. Tercius est cum sol [illegible] virginem
descendit a xvii augusti usque ad xvii
septembris ut dicit Const[antinus]. Est ergo
estas calida et sicca colere generata [illegible]
sol tempore estivali summa tradit [illegible]
[illegible] opposita quia capitibus nostris directa
et fortius in nostris corporibus sicut et aliis
inferioribus fortissima imprimit actionem.
Unde et superflua in yeme coadunata dis-
solvit et consumit. Et ideo estas suo tempore
[illegible] infirmitates calidas et siccas
generare et inducere consuevit ut dicit
Const[antinus]. Dies longiores sol efficit et
noctes breviores, fructus et flores ad ma-
turitatem perducit [illegible] caliditatem [illegible]
[illegible] humores in [illegible] digerit et

de estate

digestos et incorporat et iungit. quod uero superfluum est desiccat. [illegible] et consumit [illegible] terrestrem et cauernosam reddit. Nam calore suo humidas partes consumens desiccat [illegible] suas partes transfert, comprimit et [illegible] et sic aperit terram atque scindit. Consumptis enim partibus aqueis que fuerunt causa [illegible] partium et [illegible] necesse est ut partes [illegible] diuidantur, et sic scissura in partibus terrestribus efficiatur. Unde et terra paludosa aquositatem consumens desiccat et exasperat et [illegible] porrositates partes dilatat, calore suo subtiliat, subintrat et humorem subtiliando dissoluens sudorem prouocat et sic quod est superfluum exhalat et euacuat [illegible] aptitudine spirituum [illegible] et [illegible] huius euaporatio, et ideo [illegible] et [illegible]. Ergo utraque qualitate [illegible] colera [illegible] et inflamat et ideo febrilem calorem generat et augmentat. Aprilis [illegible] suis floribus [illegible] et satiat et [illegible] nocturnis temporibus [illegible] et herbarum superficie [illegible] frigidat et humectat. Estiuo tempore aues canoros maxime [illegible] et modulantur, et ad publicandum [illegible] uolucres maxime animantur. [illegible] corporum [illegible] in estate abreuiantur [illegible].

De authumpno

Authumpnus ab augendo est dictus eo quod tunc temporis fruges et fructus potissime habundant in horreis et augentur. Omnes enim anni labores autumpnus recolligit in horrea et ideo mitis et ideo nutrix in fabulis Junonis comparatione fertilitatis, ut dicit Ysidorus. Ma[illegible] [illegible] et [illegible] [illegible] [illegible] collectionem [illegible] reddit, agros a frugibus et arbores a fructibus orbatas reddit [illegible] [illegible] [illegible] frondes et folia [illegible]

et dicit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] authumpnus frigidus [illegible] frigida et sicca [illegible] [illegible] sol [illegible] [illegible] [illegible] sol [illegible] terra [illegible] equinoctiali [illegible] a septentrione et [illegible] distat. [illegible] [illegible] [illegible] naturalis tres mensis [illegible] [illegible] Const. Primus mensis est quando sol est [illegible] a xvii die septembris usque ad xvii octobris et tunc incipit sol declinare in meridiem. Secundus mensis est quando sol est in scorpione [illegible] xvii octobris usque ad xvii nouembris. Tertius est cum sol est in sagittario [illegible] [illegible] nouembris usque in [illegible] xvii decembris ut dicit Const. Authumpnus [illegible] qualitatibus [illegible] est [illegible] et [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sunt que [illegible] dicit Galienus. Authumpnus pestilentior est ceteris temporibus et in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] calor [illegible] est frigus. 2° quia cum sit post estatem [illegible] [illegible] humores [illegible] calor [illegible] [illegible] [illegible] frigus authumpnale [illegible] et hoc [illegible] [illegible] [illegible] [illegible] et [illegible] passiones [illegible] et febres [illegible] [illegible] [illegible] frigidus est et [illegible] [illegible] in authumpno [illegible] [illegible] [illegible] corpora [illegible] [illegible] [illegible] [illegible] [illegible] et subito [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] passiones [illegible] [illegible] [illegible] [illegible] authumpnus [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]

De hyeme

H[yemps tempus frigi]dum est dictum eo quod [illegible]
[illegible] fit et volui in
breviter [illegible] estivali dies brevio-
res esset [illegible] noctes longiores et di-
es breviores. Est autem initium hyemis se-
cundum [illegible] sol est in prima parte capri-
corni et est tunc consumatio solis [illegible]
[illegible] et iam paulatim incipit ascendere
[illegible] ¶ Est etiam hyemps
[illegible] solis [illegible] primum est in
capricorno incipiens a xviii die mensis de-
cembris usque ad xvii diem Januarii, secundus a xvii
Januarii usque ad xvi februarii, tertius mensis
[illegible] xvii februarii usque in xviii diem mar-
cii ut dicit Constantinus. ¶ Est autem hyemps
frigida et humida [illegible] magis
[illegible] propter magna fit
aeris et aque constrictio et congelatio pro-
magna solis elongatione ex qua frigus
non modicum [illegible] generatur. Unde hyemps
estati [illegible] et ideo omnia virentia
et nascentia [illegible] estatis [illegible] hyema-
li mortificantur [illegible] estatis [illegible] vestigia
[illegible] perit anihillantur. Nives et
aquarum inundationes in hyeme multi-
plicantur [illegible] libera [illegible]
[illegible] in yeme [illegible] nisi [illegible]
glaciali frigore constringantur. [illegible]
[illegible] in yeme plus [illegible] in estate
prolongantur [illegible] clausis [illegible]
[illegible] [illegible] [illegible]
[illegible] solet [illegible] durantibus [illegible]
in aere [illegible] ideo aque [illegible]
et fontium [illegible] magis calor
[illegible] calor [illegible] frigoris [illegible]
[illegible] aeris [illegible] petit et [illegible]
[illegible] fontium se [illegible]
propter caloris [illegible] aque in fontium [illegible]
[illegible] congelantur. Item hyemalis [illegible]
[illegible] efficit [illegible] et [illegible] ad
[illegible] frigore
[illegible] contrariis propter quod

[illegible] ad operandum ita et facilis non [illegible]
[illegible]. Item ex frigore hyemali clauduntur
pori et [illegible] calore [illegible] ad in-
teriora [illegible] confortantur propter quod
[illegible] appetitus et multa [illegible] in
aliis temporibus [illegible] [illegible] Unde [illegible]
in amphorismis [illegible] est [illegible]
[illegible] et tempus [illegible] longissimum [illegible]
[illegible] plures [illegible]
[illegible] est [illegible] et multo indiget
[illegible] Item quod hyemps suas
[illegible] qualitates [illegible] in
corporibus [illegible] humores
clausis poris in [illegible] corporis
[illegible] qui non [illegible]
[illegible] et putrefiunt
ex quo [illegible] infirmitates [illegible]
[illegible]

De mensibus in generali.

Mensis est nomen generum et lune
nomen [illegible]. Luna vero generum se-
mone [illegible] vocatur. Nam [illegible] hebreos
[illegible] menses [illegible] non ex [illegible]
solis sed ex lune motu nuncupantur. E-
gyptii autem [illegible] propter velocitatem cursus
lune nomen imponunt mensibus, postea ex solis cursu
[illegible] quoniam tardior est solis motus
facilius poterat [illegible] ut dicit
Ysydorus. ¶ Est autem triplex mensis scilicet
solaris quamdiu sol moratur in uno signo
[illegible]. Et est usualis id est spatium
quod in [illegible] martirologiis continetur. Et
est mensis lunaris spatium scilicet quo luna
recedit ab uno puncto firmamenti
[illegible] ad eundem punctum et continet in se
xxvii dies et septem horas. Nam luna
moratur in [illegible] quolibet signo duos dies
et [illegible] horas. Et [illegible] moratur
in quolibet signo per duos dies, cum sint
xii signa [illegible] xxiiii dies, [illegible]
moratur [illegible] sex horas [illegible]
[illegible] xxiiii dies [illegible] faciunt

Quoddam vero bisexti spatium supplet unius
hore integre. Et quod patet complendo currit zo
diacum a puncto ad punctum per xxvii dies et
sex horas. Alio vero sumitur mensis lunaris
ut prolunatur ut patet supra de anno lunari
quere ibi. Continet itaque mensis quatuor
septimanas et septimana septem dies
naturales dies quatuor quadrantes quadrans
sex horas hora quatuor puncta punctum decem
momenta momentum xii uncias uncia
47 athomos. Athomus ulterius non dividitur
propter sui brevitatem. Continet autem mensis
xii equales quorum primus dicitur Januarius
a Jano dictus cui fuit consecratus. Alio
modo autem dicitur Januarius eo quod sit limes et
janua anni, unde et bifrons Janus depingitur
ut anni introitus et exitus demonstretur
ut dicit Ysydorus. Depingitur comedens
et de scypho bibens quia tunc cibaria habun
dantiore copia sibi exigit et urgent.
Quia tunc temporis propter frigiditatem calor
ad interiora maxime viget appetitus.
Iste autem mensis habet noctis longas horas
xvi et dies breves horarum octo.

## De februario

Secundus mensis est februarius
a februo id est a plutone dictus cui mensis
ille fuit antiquitus consecratus. Nam Januarium
diis superioribus, februarium vero diis infe
rioribus antiquus error gentilium consec
ravit. Et ideo februarius a februo id est a plu
tone qui inferorum est vocatus. Est autem
mensis pluviosus valde et aquosus
propter vaporum elevationem qui in pluvias
resolvuntur. Et ideo dicitur sol tunc esse in aqua
rio propter aquarum inundationem. Depingitur
autem februarius senex ad ignem vestibus pedes
calefaciens quia tunc temporis maxime viget
frigus propter diuturnam solis elongationem
que precessit. Inter omnes autem menses fe
bruarius est minus numero quia non habet nisi
xxviii dies et in [illegible]. In bisexto
autem habet xxix [illegible] apud
hebreos sebath [illegible]
nox habet xiiii horas [illegible] decem.

## De martio

Tertius mensis dicitur martius a [illegible]
quem romane gentis auctoritatem appel
labant, vel ideo sic dictus est eo quod tunc agun
tur ad amorem [illegible] movent ut dicit
Ysydorus. Dicitur autem martius ab hebreis
Adar et apud grecos vocatur distron et habet
xxxi dies. Nox autem unius [illegible]
et dies xii. In mense vero [illegible]
notum equale sole in septentrione et au
strinum media [illegible] Et ideo
in mense martio apparet [illegible]
humores incipiunt [illegible] tam in animalibus
quam in herbis et arboribus. Unde et martius depin
gitur quasi vinitor vel ortolanus quia tunc est
tempus ut superflua a vitibus et aliis arboribus
amputentur. In martio autem est tempus val
de mutabile et instabile et ideo tunc temporis
corpora hominum faciliter alterantur. Atque
ideo martiales sunt minus sani ad bi
bendum quia tunc [illegible] pisces et ra
nas potissime [illegible]. Sol vero in
principio martii in medio signi piscium
existit.

## De mense Aprilis

Quartus mensis est aprilis qui apud hebreos
dicitur nisan, apud grecos vero [illegible]
habens xxx dies. Cuius nox habet horas x
dies vero xiiii. Dicitur autem aprilis quasi aper
ilis quia tunc omnia aperiuntur et tunc ger
mina flores et folia de terra et arboribus
egrediuntur. Et ideo aprilis depingitur cum sertis florum
quia in isto mense incipit terra decorari
floribus ac vestiri. Vel dicitur aprilis quasi afron
dillis ab affron quod est [illegible] tunc apt
[illegible] apta sit seminationi
et agriculture. Sol vero mediante mense
signum arietis [illegible]

februario

de martio

de mense aprilis

De maio

Quintus [illegible] maius, quia a maya [illegible] vel dicitur a ma[illegible] natis [illegible] prius est maia [illegible] [illegible] tacione pluvie [illegible] tur [illegible] vento et pluvia. Et [illegible] pluviales quare dicitur [illegible] et terre ad seminum [illegible] [illegible] et vegetacionem. Hic mensis apud hebreos dicitur Stebey[?] apud grecos autem dicitur anthimostos[?]. [illegible] xxxi. Nox eius habet horas [illegible] [illegible] Est autem maius tempus [illegible] amoris et fecunditatis [illegible] maxime vanitatis et gaudii [illegible] et ad bella [illegible] procedunt reges. In maio solum videntur prata virere et florere et ora [illegible] ad [illegible] et amorem. Et ideo dicitur sol in medio [illegible] intrare signum geminorum [illegible] temporum [illegible] aeris et animantium [illegible] fecunditas in omnibus generat et geminat. [illegible] maius [illegible] est [illegible] et [illegible] pingitur iuvenis [illegible] volucrem super [illegible].

De iunio

Sextus mensis dicitur iunius. Iunius bus dictus eo quod populus romanus in centurias iuniorum et seniorum fuit divisus ut dicit ysydorus. Est autem mensis iunius [illegible] et [illegible] et dicitur apud hebreos thebet[?]. apud grecos [illegible] habet dies xxx. Nox habet horas [illegible] dies [illegible]. Est autem mensis solsticialis [illegible] in medio intrat sol [illegible] calorem solis humorem in radicibus [illegible] [illegible] ad maturitatem. Et ideo [illegible] [illegible] tempus [illegible] maturitatis.

De iulio septimo mense

Septimus mensis dicitur iulius a iulio cesare [illegible] quia in eo mense fuit natus, vel ut dicitur in illo tempore fuit ad [illegible] [illegible]. Dicitur autem apud hebreos thamul[?]. Apud grecos panemos[?]. Habet autem dies xxxi. Cuius dies [illegible] nox [illegible] octo. Est enim mensis [illegible] [illegible] quia in medio mensis sol incipit esse in leone [illegible] dies caniculares. Et ideo ex sole [illegible] ex calido sig[no] et calidissimo sydere fit [illegible] [illegible] in calore [illegible] etiam [illegible] [illegible] calide passiones. Et est tempus maxime [illegible] [illegible] x [illegible] calore [illegible] radicum [illegible] [illegible] maturescit. [illegible] iulius depingitur cum falce segetem [illegible] quia est tempus [illegible] [illegible].

De mense augusto

Octavus mensis est ab augusto cesare nuncupatus, qui apud hebreos dicitur [illegible] apud grecos [illegible] habet dies xxxi. Cuius nox habet horas x. dies xiiii. In hoc mense in [illegible] recolligunt grana. Et ideo depingitur cum flagellis terentem. [illegible] [illegible] terram a suis fructibus et spoliat. Et ideo dicitur in medio augusti signum virginis [illegible]. Sicut enim virgo est [illegible] sterilis et [illegible], sic terra tunc est quasi sterilis quia a suis fructibus est orbata.

De mense septembri

September est mensis nonus, sic dictus quia est septimus ab ymbre temporaneo scilicet a marcio, quando solent ymbres inundare. Et dicitur apud ebreos [illegible]. Apud grecos [illegible]. Habet xxx dies. Cuius nox habet horas xii. et dies horas xii. In hoc enim mense fit equinoctium autumpnale. Nam in eius medio sol ingreditur signum libre. Est autem mensis iste finis estatis et principium autumpni in quo vindemia fit matura. Et ideo depingitur tamquam vindemiator racemos

de maio

de iunio

de iulio [illegible] mense

de mense augusto

de mense sep[tembri]

colliculus in castello. // Est autem iste mensis mutabilis et instabilis cuius calor in principio est intrusus set in fine exstat et respersit iam frigiditatem sapiens autem thema hyemalem. Est autem mensis iste apud Ebreos valet celebris et solemnis, etiam quia sex diebus omnibus mensis septimi in summa venerationem habebat.

De mense octobris

Decimus mensis est octobris qui ab ymbre est octauus, qui apud Ebreos dicitur marsuan apud grecos yperberetheos habens dies xxxi. cuius nox habet horas xiiii. dies vero x. qui in principio sui adhuc est calidus, sed in fine fortem frigorem incipit pungere. Et ideo in eius medio dicitur sol intrare signum scorpionis, qui est facie blandiens et cauda pungens. hic mensis frigidus et humidus terram disserat et eam ad susceptionem seminum disponit et feliciter tunc tempora semina hyemalia committuntur. Et ideo depingitur ad similitudinem hominis seminantis

De mense Nouembris

Undecimus mensis est nouembris sic dictus quia ab ymbre nonus qui apud Ebreos dicitur Caisleu. Apud grecos dios habens dies xxx. cuius nox habet horas xv. dies vero ix. hic mensis frigiditate sua penetrat ad interiora, et grauiter ledit corpora. Et ideo in eius medio dicitur sol signum sagittarii subintrare et suo frigore humorem et frigiditate constringit et disserat, et dirimit arborum folia. porcos in animalibus claudit et collectis humoribus infusis eos coagulat et constringit. Et ideo tunc temporis inter animalia maxime porci impinguantur propter quod depingitur quasi rusticus quercus percutiens et glandibus reficiens porcos suos.

De mense decembris

Decembris xii^us mensis est sic dictus quia ab ymbre martii decimus est qui est mensis [illegible] [illegible] dictus [illegible] tebeth apud grecos [illegible] habens dies xxxi. cuius nox [illegible] xviii. dies vero vi. hic mensis est [illegible] eius medio sol ingreditur [illegible] capricornum [illegible] qui est ita a remotus [illegible] [illegible] non potest a nobis plus aliqualiter [illegible] Et tunc a circulis meridionalibus [illegible] paulatim crescit et ascendit [illegible] [illegible] borealis. Est autem finis autumpni et principium hyemis qui se extendit usque ad xvi diem aprilis ubi incipit [illegible] [illegible]

In hoc mense propter asperitatem frigoris et [illegible] animalia domestica multum quiescunt et parum mouentur et ideo plurimum impinguantur tunc temporis [illegible] potissime et mactantur propter quod depingitur tamquam carnifex qui cum securi percutit et mactat porcum suum. Ex quibus xii mensibus perficitur annus tam solaris quam lunaris

De ebdomada

Ebdomada siue septimana a vii diebus nomen est sortita, cuius replicatione menses anni et secula peraguntur. Ebdomadarius dies incipit et in uectiis terminatur cuius partes sunt dies artificiales et naturales. Omnes dies denominantur a diis quorum nominibus dam sideribus [illegible] ab antiquis consecratis. primum diem soli ascripserunt quia princeps est syderum et dicitur planetarum et sic dominica nuncupatur. Ista dies dignitata est in multis quia in die dominica mundus est creatus, sic ea et dominus noster Ihesus Christus est natus, sic eadem die resurrexit, sic eadem etiam spiritum sanctum in appostolos dominus misit. // Secundum diem ascripserunt lune que soli in magnitudine et splendore proxima est. Tertium diem a marte qui sic dicitur ab aliis. Diem vero autem aliud [illegible] aliis non [illegible] [illegible] est ille in quo misit deus plagam

123

[illegible] diuo [illegible]
[illegible] et [illegible]
[illegible] magis
[illegible] Aldano [illegible]
[illegible] obuiando
[illegible] miracula [illegible]
[illegible] dies [illegible]
[illegible] usualis [illegible]
[illegible] spacium quo [illegible] sol in
[illegible] ab oriente in occidentem
et dicitur artificialis [illegible] fieri [illegible]
[illegible] dispositionibus humanis [illegible]
Naturalis est [illegible]
[illegible] per [illegible]
[illegible] horas [illegible]
[illegible] horas [illegible]
[illegible] plus [illegible] dies [illegible]
[illegible] ¶ Dies [illegible]
[illegible] a kalendis [illegible] ab [illegible]
a [illegible] dies [illegible]
[illegible] kalende a calo quod est voco quia [illegible]
solebat [illegible] ad [illegible]
Et [illegible] festum [illegible] vocabantur
festum [illegible] lune quia tunc
luna noua [illegible]
[illegible] quia tunc [illegible]
[illegible] ad [illegible]
[illegible]
[illegible] ad [illegible]
[illegible] ad [illegible] usuales
statuta ad [illegible] ad propria
[illegible] Dies autem naturalis constat ex 24
horis quibus sol circa totam terram raptu fir-
mamenti [illegible]
hora [illegible] et [illegible]
[illegible] quod dies naturalis
[illegible] hora est [illegible]
[illegible] xxiiii pars diei naturalis. Et
dicitur hora [illegible] partes temporis
[illegible] dicitur [illegible]
[illegible] ysidorus. Preterea est

est pars hore [illegible] est [illegible]
[illegible] pars hore et dicitur [illegible]
[illegible] et [illegible]
[illegible] nuncupatum [illegible] dicitur [illegible]
[illegible] athomus est [illegible]
dicitur athomus [illegible] diuisione [illegible]
[illegible] athomum [illegible] diuisionem [illegible]
[illegible] est [illegible] et [illegible]
et [illegible] ad alios [illegible]
[illegible] dies [illegible] et [illegible]
[illegible] ysidorus
Item dies est [illegible] et [illegible]
[illegible] temporum
[illegible] dies [illegible] nunc computatur.
Item [illegible] est dies
[illegible] magnitudinis [illegible]
et [illegible] a [illegible]
in [illegible] in estate autem
[illegible] sol nobis [illegible]
[illegible] ¶ [illegible] est dies [illegible]
[illegible] quanto dies est clarior tanto
[illegible] amplius [illegible]
[illegible] formas
est dies [illegible] figuras et formas
[illegible] patet ut dicit beda.
Item dies [illegible] est [illegible]
[illegible] in ortu eius dies [illegible] et [illegible]
[illegible] aues; Item [illegible] est dies [illegible]
[illegible] et [illegible] tribulationibus
[illegible] est et [illegible]
[illegible] dies [illegible]; Item dies claritatis [illegible]
[illegible] noctis [illegible] et [illegible]
[illegible] et quanto nox [illegible]
magis est tempestuosa et turbulenta tanto
[illegible] dies [illegible] est magis grata [illegible]
dies est [illegible] statibus [illegible]
[illegible] et [illegible] quanto plus [illegible] et [illegible]
[illegible] in [illegible] tanto plus in estate pro-
longatur. [illegible] dies est [illegible] et [illegible]
[illegible] dies [illegible] et la-
bori hominum deputatur. Et quanto dies [illegible]
[illegible] tanto [illegible] ad [illegible]
[illegible] plus [illegible].

## De aurora

Aurora finis est noctis precedentis et principium diei subsequentis. Et dicitur aurora ut dicit Ysydorus quasi aurea hora eo quod incipit lucere ad modum auri diffundit colorem. Unde sol in aurora a quibusdam rubens vel aureus appellatur. Nam radiis suis splendentibus aureas comas demonstrat. Vel dicitur aurora quasi aura rorans eo quod in aurora ros generatur. Ex cuius humectatione terra infunditur et unius caliditas temperatur. Lumine a sole incipiente clarior est ipsa nocte sed obscurior claro die. Aves nimiam et diuturnas ad cantandum et volandum excitat nocturnas autem fugat. [illegible] in ortu aurore flores primo clausi aperiuntur et herbe in aurora confortantur quia in estate pendentes marcescunt in aurora recipiunt. Unde et alia quedam in aurora confortantur et alia [illegible] alleviantur et diminuuntur. Ideo in aurora [illegible] minorem sanguinis fluxum dicitur. Unde consuetudo [illegible] aurora usque ad tertiam premittitur [illegible] precedens estate hora vespertina [illegible] pralis. Nox [illegible] hyemis [illegible] ut aurora [illegible] propter diuturnam [illegible] dulcis est et salubris. Unde etiam galli ad [illegible] maxime gratulantur. Dicitur autem lucifer in aurora et ortum solis precedens nuntiat esse proximam et bonam. Aurora a tenebris incipit sed usque ad perfectionem luminis proficit et procedit. Variat autem in ortu solis colorem suum. Unde nunc rubeum nunc purpureum, nunc aureum ostendit colorem. Et accidit hec varietas ex diversa qualitate vaporum vel nubium in quibus modis variis fit impressio solarium radiorum ut dicit Beda. Nimia autem serenitas in aurora cum radiis solaribus contra austrum signum est future tempestatis ut dicit idem Beda. Idem autem est aurora et diluculum sicut enim dicitur quasi est diei lucidum et illuminosum. [illegible] est diluculum [illegible]

noctis et [illegible] alleviatio infirmitatis [illegible] luculo [illegible] dicitur idem [illegible] nullum [illegible] mane est [illegible] et dicitur a mane [illegible] [illegible] [illegible] labori [illegible] tempus sobrietatis [illegible] digestionis paulatim noctis [illegible] et [illegible] transit [illegible] qualitatibus [illegible] et spiritus postendit.

## De meridie

Meridies est dicta quasi medie diei [illegible] in meridie in medio celi [illegible] sol consistit et in medio puncto [illegible] et occasus existens ubi equaliter ab utroque distare. Vel dicitur meridies [illegible] diebus quia tunc [illegible] et clarior est quia sol de medio celi [illegible] et totam orbis partem illuminat claritate ut dicit Ysydorus. Et in suis [illegible] ferventior est estate. Et hoc accidit propter [illegible] propter directam solis ad capita nostra oppositionem propter radiorum solarium reflexionem directam et conduplicationem et propter radiorum spissitudinem et eorum [illegible] propter luminis angustiam sub quibus radii [illegible] Unde etiam tunc temporis propter multiplicationem et concursum radiorum maxime calefacit et ideo tunc calor amplior in istis inferioribus generatur. In meridiana autem hora umbra [illegible] corporis est brevissima et a meridie [illegible] septentrionem tunc temporis [illegible] Et quanto sol plus recedit a meridiano [illegible] obiecti corporis umbra amplius prolongatur. Ut dicit Beda. In meridie flores et herbe arescunt [illegible] potissime [illegible] [illegible] solis [illegible] et in suis [illegible] requirunt. In meridie [illegible] sicut salubre et [illegible] plus [illegible] [illegible] [illegible] nocturnam [illegible] requirit

Et ideo in [illegible] . sed in nocte
die [illegible] ad amplitudinem
et [illegible] fortibus mar
[illegible] meridiano caue
[illegible] infectionis causa soli se
[illegible] ysydorus

De vespere

Vesper a vespero stella [illegible] est
[illegible] vesper enim est stella que solem
[illegible] et tenebras sequitur que nutrit
[illegible] ysydorus . dicitur autem vesper seu q
[illegible] ut vesper [illegible] venit ut
[illegible] ut omnia in domo re
[illegible] . Vesper et crepusculum [illegible]
[illegible] lucem et tenebras di[illegible]
[illegible] ut dicit ysydorus . In vespere
[illegible] et solares radii a terre sup
[illegible] imminente vespere umbre [illegible]
[illegible] maxime [illegible] . Flores que circa
solem [illegible] propter solis absentiam in se
[illegible] . [illegible] corpora que per calorem
diurno tempore fuerant per remissionem caloris
in vespere [illegible] exalationes et fu
mosi vapores qui [illegible] subeleva
nubis vespertino tempore dissoluuntur . boues et
[illegible] per dissolutionem [illegible]
[illegible] ad [illegible]
et ad dormitationem [illegible]
nocturne sicut bubones et [illegible]
[illegible] ad sua pascua [illegible] tempore
vespertino [illegible] pastoribus
a pascuis reducti in clausis et aliorum
[illegible] lupi a
[illegible] in vespere [illegible] vigiles
et [illegible] insidias et hostium
[illegible] statuuntur
[illegible]
et [illegible]

De nocte

Nox [illegible] tenendo est dicta eo quod oculis
[illegible] a suo [illegible]

[illegible] ab arcu meridiano [illegible] corporis solaris
orbis in quo circulus [illegible]. Causatur autem
nox ab umbra terre cuius suppositio [illegible]
ripit a nobis solares radios et [illegible]
tollit a [illegible] aspectibus [illegible] solis [illegible] autem
nox frigida et humida [illegible] remissiva
Et ideo [illegible] naturalis [illegible]
[illegible] virtutis [illegible] nox
est tempus dormitionis [illegible]
per vigilias diurnas [illegible] et [illegible]
fuerat et [illegible] noctis quiescit
et [illegible] [illegible] obscuratur
nox [illegible] principes
[illegible] fulgoribus illustratur
[illegible] noctis tenebrositas
minoratur [illegible] et [illegible] distri
[illegible] nocturna [illegible] tempora
ut dicit Albumasar . Et ideo nocturnis [illegible]
[illegible] ambulantibus vel nauigantibus
de facili [illegible] corporis via per motum
[illegible] et situm dirigatur . Omnis infirmi
tas plus [illegible] nocturno tempore quam
diurno . et patiens de nocte plus quam de
die agrauatur . per gallorum cantum finis no
ctis predicitur et aduentus future diei
[illegible]

Item de nocte

Nox autem secundum excubias militares in
quatuor vigilantium ordines distribuitur
ut dicit beda . Nam primi vigilant in nocte
[illegible] . 2a in [illegible] . 3a in media
nocte sive [illegible] . 4a in gal
licinio . Quia [illegible] tempore in castris vigilat
et excubat ; quia semper inveniuntur qui for
[illegible] ut dicit [illegible] super [illegible]
[illegible] . nox [illegible] horroris et
timoris [illegible] fantasmatum et illu
sionum [illegible] , plura enim fantasmata
[illegible] de nocte quam de die vigilantibus
[illegible] sicut dicitur ibi [illegible] passa
sum [illegible] . 26 . Nox etiam
est [illegible] et infectionis [illegible]

Inductiua tanta scilicet sit et nocte ex fumis et vaporibus vaporosis exalantibus aeras [illegible] et infirmo quod nox aliqua biberent nisi luna et sydera suo motu [illegible] aliqualiter obuiarent ut dicit Albumasar. Nox et est illorum que claritate diei occultantur manifestatiua ut patet quia sydera de die latent de nocte non lucent. Similiter aliquorum est nutritiua. Nam aues et fere siluestres de die in suis foueis et antris latitant de nocte vero per vineas et agros vagari non cessant. Audacie et securitatis malefactoribus est supplectiua. Nam de die timent deprehendi latrones et fures quod nocturno tempore ad omne flagitium sunt audaces ut dicit Gregorius.

De mora tempestatis

Mora tempestatis nocturne [illegible] periclitantibus in mari maior est nocturna quod cum nox naufragium patientibus superuenit [illegible] locus aliquis [illegible] ut dicit Gregorius. Totius meditationis dei [illegible] et nox insensibiliter consumitur. Tantum enim tempus consumimus de nocte dormiendo sicut de die vigilamus. Vnde nox subtrahit sabbato [illegible] prius maxima [illegible] ut dicit Gregorius.

De sabbato sancto

Sabbatum est primum septimane festum quo ad celebrationem in die septima fuit institutum quia die septimo requieuit deus ab omni opere quod patrarat Genesis 2°. Vnde apud hebreos ita preualuit hec solempnitas in tantum quod nullum opus seruile in sabbato fieri permittebatur. Ymmo seruis et ancillis animalibus et iumentis requies fieri iubebatur. Cibus in die sabbati [illegible] in die precedenti preparabatur. Cultioribus indumentis populus in sabbato ornabatur. Lautioribus cibis et epulis tunc populus in sabbato utebatur. Templum in orationibus etiam magis quam in aliis diebus frequentabatur. Altare sacrificiis pinguioribus et oblationibus maioribus semper in sabbato cumulabatur. Lex in sabbato semper a sacerdotibus exponebatur psalmi cum psalmodia solempniter agebatur.

Vnde dicit [illegible] philosophus [illegible] et sabbatum [illegible] passus vocabatur [illegible] in sabbato [illegible] prohibebatur [illegible] apostolorum [illegible] lapis non comburebatur [illegible] In quanto igitur sabbatum [illegible] habebatur. Violator sabbati [illegible] iussione [illegible] iubebatur ut patet in illo [illegible] ligna in sabbato qui lapidari [illegible] a populo fuit interfectus.

De neomenia

Neomenia celebris est apud hebreos quod nova luna et erat solempniter in kalendis mensium ad honorem dianae quia venerat anna instituta. Sed [illegible] gentiles in primis mensium ad honorem dianae et iunonis fiebant. Hebrei in kalendis mensium ad honorem creatoris. Et ideo prima mensium dicuntur kalende quod collige ut dicit ysydorus. Vel dicitur a calo grece quod est voco latine quia tubis et buccinis hec solempnitas denuntiabatur et clangore buccinarum ad festum neomenie vocabantur. Hec festiuitas fuit celebris et insignis. Et ideo specialiter hostiis honorabatur et populus ad conuiuia et [illegible] [illegible] buccinis ac tubis specialiter inuitabatur.

De septuagesima

Septuagesima est spatium temporis quod [illegible] a dominica que dicitur [illegible] ad sabbatum paschalis dicitur sabbatum in albis [illegible] diebus significantur septuaginta anni quibus filii israel capti fuerunt in babilone et quando [illegible] fuerunt in miseria et dolore [illegible] [illegible] [illegible] cum gaudio et honore [illegible] captiuitas babilonice [illegible] totum tempus [illegible] culpe [illegible] et ideo culpe [illegible] [illegible] [illegible] legitur [illegible]

nota tempestas

sabbato sancto

de septuagesima

[illegible] [illegible] [illegible] [illegible] cantari leti-
[illegible] [illegible] [illegible] a dour post
pascha [illegible] in pascha [illegible] alla
[illegible] [illegible] [illegible] assumit
[illegible] [illegible] [illegible] humani
[illegible] [illegible] [illegible] albus terna [illegible]
[illegible] [illegible] pascualis cantatur [illegible]
[illegible] [illegible] [illegible] spiritualis leti-
[illegible] [illegible] [illegible] p remissionem culpe [illegible]
[illegible] [illegible] [illegible] pro [illegible]
[illegible] [illegible] [illegible] populus [illegible]
[illegible] [illegible] in [illegible] multum [illegible]
[illegible] [illegible] [illegible] [illegible] multum
[illegible] [illegible] nos [illegible] ad [illegible]
[illegible] [illegible] pro [illegible] [illegible]
[illegible] albus [illegible] pro [illegible] [illegible]
[illegible] [illegible] [illegible] fuit [illegible]
[illegible] [illegible] in albis in [illegible] [illegible]
[illegible] in sabbato in albis [illegible] super altare
[illegible] labore [illegible] [illegible] [illegible]
[illegible] ad [illegible] sabbatum [illegible]
stola duplex nobis [illegible] [illegible] [illegible]
[illegible] [illegible] misse [illegible] cantatur in
[illegible] misse. [illegible] [illegible] [illegible]
mortis [illegible] pro [illegible] [illegible] remissionem
[illegible] in ipsa ad [illegible] [illegible]
et ad laborem in [illegible] [illegible] [illegible]
in. [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
est solempnius [illegible] in [illegible] [illegible]
[illegible] ordinis

Ue quinquagesima

Quinquagesima [illegible] [illegible] [illegible] et
[illegible] [illegible] [illegible] remissionis
[illegible] [illegible] [illegible] [illegible]. Nam
annus [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] celebrabatur festiva
[illegible] [illegible] [illegible] [illegible] [illegible]
remissione [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
ad [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] et [illegible] [illegible] incipit in media qua-
quagesimalis septimane, et [illegible] [illegible]
[illegible] [illegible] psalmum qui est penitencialis
in [illegible] [illegible] [illegible]. [illegible] singulis [illegible]
[illegible] psalmus ille penitencialis [illegible]
qui [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
in lege jubileus [illegible] [illegible] [illegible]
ante legem a [illegible] [illegible] [illegible]
loth [illegible] [illegible] [illegible] [illegible]
[illegible] ab illo [illegible] [illegible] filios [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] sub lege pp
[illegible] [illegible] [illegible] in [illegible]
[illegible]

Ue quadragesima

Quadragesima [illegible] est tempus xl^a dierum
[illegible] [illegible] [illegible] [illegible] a prima
[illegible] [illegible] extenditur usque ad [illegible]
[illegible] [illegible] [illegible] novi [illegible] testamenti
[illegible] [illegible] [illegible] pane angelico nos
[illegible] in quo nobis significatur quod qui
quadragenam [illegible] [illegible] spiritualem p-
[illegible] [illegible] [illegible] [illegible] saturitate [illegible]
[illegible]. Est autem xl^ma tempus milicie in
quo [illegible] [illegible] [illegible] [illegible]. Hoc
autem [illegible] dierum ad [illegible] assumimus [illegible]-
[illegible] [illegible] [illegible] [illegible] et helye [illegible]
[illegible] [illegible] ihesu christi qui tot diebus legitur
jeiunasse. [illegible] autem sub hoc numero
jeiunamus. Nam pro eo quod constat ex denario
[illegible] [illegible] [illegible] decalogum sub denario
et [illegible] sub quaternario [illegible] [illegible]
[illegible] spiritualem [illegible] [illegible] [illegible]
[illegible] et terram [illegible] jure hereditario
possidemus sicut terra promissionis [illegible]
xl^ta annorum pugna in deserto filiis israel
[illegible] [illegible] [illegible] [illegible] milicie
[illegible] sub hoc [illegible] [illegible] quadragenarius
[illegible] [illegible] [illegible] [illegible] [illegible]
quinquagenarium qui [illegible] remissionis
[illegible] [illegible] [illegible] amisse restitucionem
[illegible]. [illegible] quo [illegible] [illegible] [illegible] [illegible]

quinquagesima

d. quadragesima

vitam remissionem consequitur peccatorum et habebit refectionem bonorum et horum consequitur [illegible] vnius vite [illegible] et penitentias [illegible] Nam decima vero lx dierum penitentiali xxx et vi dies et pro xl [illegible] [illegible] quia residua est [illegible] anno [illegible] dierum et summa [illegible] pro [illegible] xxx vi dies [illegible] et tres dies [illegible] tempus [illegible] [illegible] hoc dicit [illegible] ut [illegible] [illegible] tempus [illegible] [illegible] [illegible] dicamus [illegible] [illegible] et bonus [illegible] [illegible] dignitatis [illegible] felicitatis [illegible]

Et quia xl. est tempus militie [illegible] agitur de militia et victoria [illegible] christi [illegible] tractu vero quia inpugnationes [illegible] temptationum genera demonstrantur [illegible] levis et occulta [illegible] est levis et manifesta [illegible] [illegible] gravis et manifesta [illegible] demonij meridianum [illegible] est gravis [illegible] et hoc est negotium in tenebris [illegible] Contra vero istas multiplices inpugnationes nos munimur spirituali armatura [illegible] nos [illegible] instituit apostolus in epistola et [illegible] nos dominus [illegible] hebraismus dicitur [illegible] [illegible] tempus [illegible] magis est nobile [illegible] tempus renouationis quia terra que in yeme videbatur [illegible] mortua tempore quadragesimali reuiuiscit et [illegible] Item tempus est renouationis. Nam terra herbis et floribus et arboribus renouatur et ornatur. Item tempus est inpugnationis et [illegible] quia tunc [illegible] in [illegible] et [illegible] magis [illegible] tunc pullulat et germinat terra nascentia et [illegible] Item tempus est nidificationis et pullulationis [illegible] turtures et [illegible] et alie aues tempore [illegible] adueniunt et ad nidificationem [illegible] Item tempus est [illegible]

[illegible] in corpore ad [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in xl. tempore [illegible] [illegible] [illegible] [illegible] superfluorum et [illegible] Et ideo in xl. [illegible] a superfluis [illegible] Item tempus [illegible] [illegible] Nam [illegible] in radice [illegible] [illegible] [illegible] et per [illegible] [illegible] se extendit. Item tempus est [illegible] et [illegible] quia circa xl. [illegible] et [illegible] in arboribus [illegible] Item tempus est [illegible] et pluuialibus [illegible] [illegible] [illegible] pluuie [illegible] ut dicit Albumasar et Beda. Item tempus [illegible] [illegible] [illegible] plurima maxime frequentant.

## De pascha

Pascha quandoque passio dicitur latine a paschin quod est pati. Hebraice vero dicitur [illegible] transitus [illegible] in pascha [illegible] agnus [illegible] et [illegible] [illegible] usque mane [illegible] quod [illegible] non potuit [illegible] [illegible] agrestibus et panibus azimis [illegible] [illegible] et [illegible] [illegible] [illegible] in manibus [illegible] agnum [illegible] sanguis agni [illegible] domorum [illegible] [illegible] angeli [illegible] [illegible] domorum [illegible]

[illegible] suplendam [illegible] huius [illegible]
[illegible] populi [illegible]
[illegible] ab egipto [illegible]
[illegible] quia primogeni
ta egiptiorum [illegible] turbatur ebreorum primo
genita sunt [illegible] post transitionem no
[illegible] per columna ignis et nubis illesi
[illegible] de egipto [illegible] turbatur [illegible]
[illegible] pharao cum toto suo exercitu [illegible]
[illegible] Canticum
[illegible] triumphus et canticum pro sua liberacione
[illegible] gratiarum actionis domino
[illegible] in exodo per ordinem
[illegible] 12º 13º et 14º. Et id in memo
[illegible] egiptiorum per liberacionis eorum
[illegible] consuetudo [illegible] de duobus
dampnatis ad mortem unus in pascha iudeorum
suspenderetur et alter libere dimitteretur ut patet
[illegible] 26º. Istud pascha iudeorum typum fuit et fi
gura pasche in quo [illegible] sanguis agni
immaculati qui abstulit peccata mundi et
[illegible] a servitute demonum sunt redempti, per
quem [illegible] facimus transitum de carne ad spiri
tum, de vetere homine ad novum, de mundo ad
celum, de umbra ad lucem, de figura ad veri
tatem, de servitute ad glorie filiorum dei libertatem
libertatem. Et ideo dictum est pascale tempus
tempus letitie et exultationis, tunc tempus
novitatis et renovationis tempus puritatis
et [illegible] resurrectionis qua resurrectionis filii
[illegible] in fermento [illegible] malignitatis
sed potius in azimis sinceritatis et veritatis.

¶ [illegible] aut pascha semper in die dominico celebra
mus [illegible] semper [illegible] luna [illegible]
Judeis [illegible], in dominica autem
propter reverentiam dominice resurrectionis semper
celebramus. Item [illegible] pascha largo sumptu
ad multa se extendit, et primo ad diem in
ramis palmarum, quod vulgariter pascha
floridum dicitur, eo quod in illo die florentes
arborum ramos et ferentes in manibus
ferunt quod dominus illo die processionaliter
cum ramis arborum est receptus. Iste dies
est figurata in hoc quod illo die filii
Israel sub Josue transito Jordane
sicco vestigio intraverunt terram terre
promissionis, et comederunt de frugibus
terre Canaan, et statim defecit manna
quo alebantur in deserto annis xl ut
patet Josue 5º. In iudicio etiam dicitur sicut reci
pitur dies palmarum [illegible] dominus de templo ve
nientibus et [illegible] postquam [illegible] cum
ramis palmarum et olivarum honorifice est
receptus a pascha. Item [illegible] dominus [illegible]
[illegible] Jo. [illegible] in quo est figurata primo
[illegible] ad [illegible]
[illegible] qui nunc in die [illegible] ab
[illegible] per iusticia excluditur in die [illegible] per
misericordiam in [illegible] recipitur, et ideo
in eo [illegible] stetit dominus ex aquis [illegible]
et dolentes pariter nunc remisit [illegible]
levavit in aere, quod dominus malos [illegible] carnalibus
delectationibus separat a bonis in celestibus gloria
bitur. 2um privilegium consistit in [illegible]
[illegible] et [illegible] sacramen
altaris institutione. Quia carnalis cibus
in celestibus et spiritualem cibus est mutatus.
3m privilegium consistit in sacre benedictionibus
et crismatis consecratione, tunc enim ab episco
po oleum cathecuminorum et infirmorum
quo parvuli baptizandi inunguntur inter
scapulas et in pectore et infirmi inun
guntur in organis sensuum morte iam ap
propinquante. Consecratur etiam [illegible]
et [illegible] crisma ex oleo et balsamo quo
parvuli crismantur a minore sacerdote in
vertice et a maiore scilicet episcopo in fronte quando
in confirmantur. 4um privilegium in [illegible]
vel mandati dominici representatur. Et hoc
fuit in pedum ablutione, in pauperum
refectione, in altarium denudatione et
[illegible]. Est igitur dies cene dies re
conciliationis [illegible] consecrationis [illegible]

unctionis dies afflictionis, ablutionis et ablutionis ad pascha ... [illegible] ... pruit dies paschae et dicit bona ... [illegible] passus est dominus a tercia passione ... [illegible] ... iocunditas et honore celebratur cum dies paschae ... [illegible] et resurrectionis ... [illegible] ... post martirium ... [illegible] ... ad descendendum ad ... [illegible] ... et ... [illegible] ... et sic dies resurgens ... [illegible] ... gaudium ... [illegible] ... fuerit Christi ... [illegible] ... mortis ... [illegible] ... impium ... [illegible] ... redemptio scripturarum ... [illegible] ... manifestatio ... [illegible] ... est ... dies consummatum est. Ad pascha et ... [illegible] ... sicut sabbatum sanctum appellatur ... [illegible] ... sabbato Christus qui est sanctus sanctorum ... [illegible] ... totum diem in sepulchro requievit ... [illegible] ... dies ignis novus accenditur ... [illegible] et ad accendendum pascalem cereum custoditur ... [illegible] ... cereus pascalis erigitur et a dyacono benedicitur et accenditur ... [illegible] ... in forma ... [illegible] ... imprimitur ... [illegible] ... lectionibus ... [illegible] ... fontis processionaliter acceditur et completo baptissimo ... [illegible] ... totum autem diei officium sub brevissima ... [illegible] ... ad divinum officium ... [illegible] ... tedio afficiuntur ... tota et septima celebris est ... [illegible] ... in sabbato in albis terminatur alleluya duplicatur sicut ... figura gloriosam resurrectionis in qua ... [illegible] ... dicitur in apocalipsi Ambulabunt mecum in albis quia digni sunt.

## De pentecoste

Pentecostes ... [illegible] ... sicut et ... [illegible] ... et dies ... [illegible] ... in ... [illegible] ... susceperunt ... [illegible] ... dies a passione Christi datus est ... [illegible] ... apostolis in igneis linguis ... [illegible] ... in omni ... [illegible] ... dicitur autem pentecostes ... [illegible] ... et ... [illegible] ... ad pentecosten ... [illegible] ... est ... [illegible] ... septiformis ... [illegible] ... est collata ... [illegible] ... pentecostes est tempus ... [illegible] ... gladio ... [illegible] ... est et tempus ... [illegible] ... et ... sol ... [illegible] ... calefacit ... [illegible] ... et sic ... [illegible] ... tempus ... [illegible] ... et ... [illegible] ... tempus est ... [illegible] ... amenitatis ... [illegible] ... herbe ... [illegible] ... et arbores ... [illegible] ... florent ... [illegible] ... tempus odoris et suavitatis nam flores ... [illegible] ... pratorum sua ... [illegible] ... undique ... diffunduntur ... [illegible] ... tempus est ... [illegible] ... et ... [illegible] ... et ... [illegible] ... et ... [illegible] ... est ... [illegible] ... herbas et arbores ... [illegible] ... et dicit ... [illegible] ... tempus est maturitatis ... [illegible] ... pentecostes ... [illegible] ... et ... [illegible]

[illegible] in libro [illegible] felici [illegible] novis fructibus [illegible] tempus est [illegible] gravibus et [illegible] et ideo [illegible] novarum [illegible] tempus est [illegible] et [illegible] circa [illegible] audiva [illegible] aliud tempus [illegible] moveri [illegible]

## De scenopegia

Scenopegia festivitas fuit Hebreorum et tabernaculorum festivitas dicebatur, que celebrabatur in memoria expeditionis qua egredientes de Egypto in tabernaculis morabantur, ut dicit Ysidorus. Unde scenopegia dicitur a scenon, quod latine dicitur tabernaculum, et hec sollempnitas in frondibus celebrabatur, quia collectis fructibus de omnibus diversis anno [illegible] et letitia et gaudio [illegible] frondibus et ramis domos suas ornaverunt [illegible] arbores [illegible] et poma [illegible] in manibus portaverunt. In [illegible] autem die eiusdem mensis [illegible] festum [illegible] celebrabatur [illegible] expiationis [illegible] afflictionis [illegible] summus pontifex [illegible] in sanguine vituli [illegible] [illegible] dies expiationis [illegible] die [illegible] populus pro [illegible] ut dicit [illegible] dies afflictionis [illegible] propitiationis dicebatur [illegible] fuisse propitium.

## De encenia

Encenia est novi templi dedicatio. Nam grece cenon novum dicitur latine. Hanc sollempnitatem Iudei diversis temporibus celebrabant cum diversis temporibus novum templum edificabant [illegible] et novo reparabant. Sic Iudas Machabeus legitur templum dedicasse et renovasse ut habetur primo Machabeorum [illegible]. Dedicationis etiam festum tunc temporis [illegible] tempus [illegible] ecclesia sancta [illegible] ad [illegible] aspergit. Alphabetum duplex transversaliter per pavimentum [illegible] parietes [illegible] [illegible] per [illegible] parietes altaris [illegible] reliquias [illegible] altaria ornat et vestit [illegible] et [illegible] atque indulgentiam [illegible] concurrentibus.

## Incipit liber decimus

Completo tractatu de proprietatibus temporis et partium eius, agendum est nunc de instrumentis et materialibus creaturis, et elementis scilicet et de iis que excellentius materie [illegible] sunt rerum materia et forma omnium corporalium principia, ut dicitur in libro de bonitate. Materie autem et forme privatio nihil aliud est quam totius rei destructio [illegible] materia [illegible] unitati [illegible] [illegible] quanto autem corpus est natura sublimior et subtilior, tanto ad susceptionem impressionum formalium est aptior. Corpus vero quanto est grossior, terrestrior et a natura celesti remotior, tanto ad susceptionem impressionis formalis est debilior, ut dicitur in [illegible] de substantiis. Et hec habet proprium materia, sicut [illegible] dicitur [illegible] suscipere formam et non suscipere terminum et non retinere. Unde dicitur destructionis sive destructionis, divisionis et alterationis in rebus materialibus et corruptibilibus est materia, ut dicit [illegible] methaphisice: quia generatio non differt a generato nisi secundum materiam, et ideo ubi est generatio, ibi materia ubi est potentiale generans et generatum in [illegible] et [illegible]. Et in divinis materia est [illegible] individuationis, ut dicit [illegible] quia divisio fit per individua est secundum materiam et non secundum formam ut

[illegible] vñ hns sbam et est [illegible] forma
est vna mã et sb pluribus pluralit̃ [illegible] 5°
ph[illegible] causa [illegible] in infinitũ
est mã sbam [illegible] et [illegible]
[illegible] est mã [illegible] quod accidens non
[illegible] et [illegible]
[illegible] mã dicit infinita [illegible]
[illegible] ē infinitū vel q̃
[illegible] ad infinitas formas. Et
io [illegible] appetitum et
[illegible] ad formas infinitas dicitur
infinita et io [illegible] infinita
[illegible] sicut
virtus diuina. Et io dicit plato
[illegible] infinitum [illegible] forma [illegible]
x [illegible]. Et io [illegible]
et pars et forma [illegible]
[illegible] arboribus. Et io ē [illegible]
et sensibilitate q̃ [illegible]
et [illegible] et dicit [illegible]
aut .i. mã po[illegible] q̃dam actiua [illegible] est [illegible]
[illegible] et hec po est [illegible] de duobus [illegible]
[illegible] q̃a ista po dicitur ad actu [illegible] formas
appetit [illegible] sb [illegible] ut ista po
q̃ [illegible] ad frigidum et calidum [illegible]
[illegible] sb [illegible] appetit [illegible] sb
[illegible] nulla forma corruptibilium [illegible]
bilium pot sufficere [illegible] po actiua [illegible]
[illegible] q̃a semp appetat [illegible] alicam
formam. Illa aut forma [illegible] sit desp[illegible]
cata no pot induci nisi p corruptionem
forme [illegible] q̃ [illegible] agens
[illegible] forma [illegible]
actiua ad forma [illegible] et dat ei [illegible]
[illegible] est [illegible] sb est [illegible]
[illegible] illius forme. [illegible] multas
alias [illegible] mã, quas [illegible]
[illegible] hec [illegible] et bonitatem
[illegible] // [illegible]
[illegible] proprietates [illegible]
forme q̃ [illegible]
est q̃ [illegible]

[illegible] forme [illegible]
[illegible]
[illegible] obscurum [illegible]
[illegible] diuisa que [illegible]
[illegible] alia est [illegible]
[illegible] alia [illegible] essentialis
forma est illa q̃ [illegible] pficit [illegible]
et [illegible] ad [illegible]
[illegible] composit̃ [illegible]
[illegible] mã [illegible]
[illegible] est alia [illegible] accidentia [illegible]
accidentalis [illegible] pficit [illegible]
de [illegible]
[illegible] forma [illegible] q̃ est [illegible]

Forma in omnibus simplicior est [illegible]
[illegible] nobilior mã. Et io [illegible]
[illegible] forma [illegible] modo [illegible]
pot informare multas mãs sicut [illegible]
pot [illegible] multas [illegible]
forme [illegible] mã oportet [illegible]
disponi et [illegible] mã [illegible]
[illegible] et [illegible]
et simplicior [illegible] est
[illegible] forma [illegible] manifestatiua [illegible]
pot [illegible] videre mã nisi [illegible] vel
accidentali forma [illegible]
[illegible] nihil [illegible] audit
[illegible] ut [illegible]
[illegible] et [illegible]
[illegible] mã est [illegible] quare
[illegible] nihil est
[illegible] et [illegible] nihil ignotius
[illegible] forma
[illegible] forma [illegible] actus [illegible]
[illegible] ibi [illegible]
mã sicut [illegible] plus
[illegible] mã minus [illegible] mã
[illegible] ignobilis
et obscura [illegible] a nobilitate [illegible]
est remota. [illegible]
et alia [illegible]. [illegible] alia
est celestis alia [illegible] forma
aut celestis est [illegible] actiua [illegible]
appetitum [illegible] et io [illegible]

[illegible] [illegible] perfectior et magis celesti[illegible]
[illegible] [illegible] [illegible] corruptibilis
[illegible] [illegible] seu actu perfectissima
est in [illegible] [illegible] forma elementaris
[illegible] [illegible] [illegible] [illegible] aliis
[illegible] apparet [illegible] [illegible] post mal[illegible]
[illegible] [illegible] quod [illegible] [illegible] no[illegible]
[illegible] forma [illegible] [illegible] talia corpora [illegible]
corruptibilia quoad potentiam et [illegible]
quo ad actum. Ergo autem forma est nobilior
[illegible] spiritualior et a qualitatibus [illegible] separata
[illegible] et abstracta tanto est actualior
[illegible] ut [illegible] in intelligentiis [illegible]
[illegible] [illegible] [illegible] sicut [illegible] [illegible]
[illegible] magis non est intellectus [illegible]
[illegible] [illegible] [illegible] in sua [illegible] [illegible]
non [illegible]. [illegible] sine [illegible] sit
et spiritualis [illegible] forma [illegible] sive non [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
simplicissima est et actualissima sit forma
spiritualis actualior est quam corporalis ut dicit
Albumasar [illegible] nobilior est forma
[illegible] mixti nobilior vero forma elementi
nobilissima autem forma corporis quanti [illegible]
[illegible] [illegible] inseparabiles in nobilitate
et actualitate spiritualis forma [illegible] sit [illegible]
angelo sive in anima [illegible]. Et [illegible] pro
[illegible] forma et materie prout ad hoc opus
[illegible] [illegible] dicta [illegible] sufficiant.

## De ellementis

Ellementum [illegible] est simplicissima
et minima [illegible] corporis particula
minima autem [illegible] quo ad nos [illegible]
[illegible] [illegible] est [illegible] particula et ultima
in [illegible] [illegible] sicut [illegible] in compositione
[illegible] autem simplicissima [illegible] [illegible] sit ele-
menta sine compositione aliqua. [illegible] [illegible]
[illegible] aliquas [illegible] [illegible] et [illegible] diff-
[illegible] [illegible] corpora [illegible] mixta [illegible]
[illegible] [illegible] [illegible] [illegible] partes
[illegible] [illegible] est [illegible] [illegible] [illegible]
[illegible] [illegible] partes ignis est ignis et sic

[illegible] [illegible] autem [illegible] [illegible] elementum
quod elementum [illegible] ab [illegible] [illegible]
corpore sit [illegible] et quod [illegible] [illegible]
[illegible] [illegible] alios dicit quod elementum
sunt elementa [illegible] [illegible] [illegible] ellemen-
taribus qualitatibus et [illegible] [illegible] [illegible]
autem [illegible] ellementares qualitates quarum due
sunt active scilicet caliditas et frigiditas. Et due pas-
sive scilicet humiditas et siccitas quarum differentia
et [illegible] superius [illegible] [illegible] plane [illegible]
[illegible] quare ibi [illegible] qualitatibus [illegible]
ellementares [illegible] est et repugnantia
[illegible] quarum [illegible] agere et patiuntur
[illegible] et [illegible] [illegible]. Quatuor [illegible]
[illegible] [illegible] per influentiam [illegible]
[illegible] planetarum [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]. Et
[illegible] [illegible] [illegible] [illegible] [illegible]
Nam ignis et aer [illegible] in caliditate
[illegible] [illegible] in siccitate et humiditate. Aer
[illegible] et aqua in humiditate [illegible] [illegible]
in [illegible] [illegible] vero in humiditate et siccitate.
Ceterum ignis et terra [illegible] ellementa sunt
distantia [illegible] in situ [illegible] in siccitate
[illegible] autem in [illegible] [illegible] [illegible] est
[illegible] et in ultimo. Ignis vero [illegible]
calidus est et [illegible]. Ex istis autem
ellementis [illegible] duo sunt nobiliora et pu-
riora [illegible] [illegible] sicut aer et ignis
Et [illegible] a centro ad circumferentiam [illegible]
[illegible] moventur [illegible]. Et ista duo con-
trahunt nobilitatem suam quo ad [illegible]
[illegible] est [illegible] ex [illegible] orbis
sive celestis corporis a quo recipiunt
influentiam nobilitatis et [illegible] [illegible]
virtus celestis [illegible] [illegible] super spera
ignis. Et [illegible] hec duo ellementa sunt [illegible]
sublimiora quo ad situm [illegible] quo ad
motum [illegible] et subtiliora quo ad [illegible]
clariora et magis [illegible] quo ad formam
virtuosiora quo ad actionem. Duo vero sunt
ellementa inferiora scilicet aqua et terra
[illegible] [illegible] [illegible] graviora motum

motu a profunda ad antum dorsi [illegible]
p aquarum [illegible] et [illegible] solido
[illegible] et vero pdicto duob est grossiora
[illegible] plus [illegible] et ma [illegible]
[illegible] oblongorum a spera solis
[illegible] motuo celi vero est illa [illegible]
[illegible] sicut sunt dico sma[illegible] Neque aut est
[illegible] in aquilo et pati
[illegible] sunt [illegible] [illegible]
et a motu [illegible]
[illegible]
effectu, et ideo non est [illegible] ab actu sicut
non sunt varia ab [illegible] Nam quolibet
illuminatu sub [illegible]
a qua natalicia [illegible]
[illegible] et quibus [illegible] aliqua
sunt dicenda.

De igne.

Ignis est corpus simplex [illegible]
et summum ut dicit Constantinus qui natu-
super aerem sedet et quiescit, per violentiam vero in
aere vel in terra et aliter paulatim [illegible]
[illegible] ut dicit Ysidorus. Proprietates
aut ignis tangit dyonisius in [illegible]
[illegible] Jerarchia ca° 15°. Ignis inquit est
corpus sensibile luminibus [illegible] et
subtilius omnibus aliis rebus corporalibus
et [illegible] spirituali proximum ac per hoc [illegible]
sui subtilius aliis demonstrat. Ignis
enim in omnibus est et per omnia [illegible]
et ab omnibus non [illegible]. Est autem
occultus incognitus immensurabilis
invisibilis in se [illegible] quodammodo
incorporeus, potens ad actionem [illegible]
mobilis [illegible] se omnibus quoquomodo ap-
proximantibus movens [illegible] se parti-
cipantia, renovatus [illegible]
[illegible] splendoribus clarus [illegible]
distinguens [illegible] dorsum [illegible]
sursum movens [illegible]
[illegible] Igne [illegible]
semper motivus [illegible]
in se [illegible], potens [illegible]
[illegible] dyonisii [illegible]

[illegible]
[illegible]
[illegible]
hic [illegible] ignis [illegible]
[illegible] sublimior [illegible]
[illegible] et ideo dicit [illegible]
[illegible]
[illegible] est [illegible]
[illegible] subtilis [illegible]
[illegible] purior est et subtilior et ideo dicit [illegible]
[illegible]
[illegible]
propter hoc etiam dicit [illegible]
proximum [illegible]
[illegible] visibilia et sensibilia [illegible]
[illegible] appropinquat [illegible]
[illegible] approximat [illegible]

¶ [illegible] actualiter
et in [illegible] et ideo dicit [illegible]
[illegible] operatio [illegible]
[illegible] sit [illegible]
[illegible] ignis non [illegible]
[illegible] occultione
et ideo dicit occultus [illegible] in sua [illegible]
[illegible] non [illegible] invisibilis et incognitus
dicitur [illegible] non [illegible]
[illegible] sit in sua [illegible]
[illegible] et nam [illegible] mo-
[illegible] mobilis et potens [illegible]
[illegible] virtute motiva [illegible]
[illegible] et [illegible]
[illegible] clarior [illegible]
[illegible] claritate sua illuminat [illegible]
[illegible] splendorem [illegible]
[illegible] scintillam [illegible]
[illegible] ad [illegible]
[illegible] sub-
[illegible]
[illegible]
[illegible] motu sub-
[illegible]

[illegible] dicitur [illegible] alios manifestativa
discretiva [illegible] nam se manifestando
alia [illegible] manifestat et corpora colores
[illegible] manifestat et ideo dicitur
[illegible] destruens [illegible]. Item
dicitur sufficiens ad corpora [illegible] nam
materiam in qua agit rarefaciendo dissolvit
[illegible] violentia sursum trahit
propter quod dicitur dissipans et sursum
trahens. Item dicitur renovativa
quia omnia vetera [illegible] antiquata et
[illegible] ignis non [illegible] ut
[illegible] in globo [illegible] calor naturalis
[illegible] renovativus omnium et ut
[illegible] dicitur scilicet ignis non potest sustinere
virtutis alicuius corporis naturalis. Item dicitur
esse immutativa quia omnem materiam in qua
agendo superat convertit in suam speciem et transmutat.
Et propter hoc dicitur immutativa. Nam
materiam in qua agit apprehendit carnem illam
non dissolvit sed consumit carnem in sua subiectione.
Unde apprehendibus [illegible] non [illegible]
[illegible] consumpto eo in quod agit in se
[illegible] reddit et ideo dicitur [illegible]
Item nam hic et dicitur [illegible]
[illegible] diminuitur diffusiva et ideo
dicitur non recipit minorationem [illegible]
quia sicut cum effunditur non augetur
sic cum recipit non minoratur [illegible]
substantiae [illegible]. Item nam hic purgativa
metalla [illegible] quae non possunt consumi a scoria
et rubigine mundificat et mundat. Item
dicitur hic [illegible] alterativa. Unde
et [illegible] in corpore decoquit et digerit
et cibos crudos digerit [illegible] superflua
[illegible] et [illegible] reddit consumit. Item dicitur
[illegible] propter [illegible] omnium [illegible]
essentia diffusiva quia in [illegible]
[illegible] est inclusus [illegible] actualiter
non [illegible] quod [illegible] est manifestum quia [illegible]

forti corpore solidore [illegible] ignis
recipitur in quibus esse nulla [illegible]
[illegible]. Item ignis [illegible] sua [illegible]
[illegible] dicitur [illegible] alio corpore immedia-
[illegible] continua ut patet in ferro ignito
et carbone inflammato [illegible] in quibus
ignis [illegible] [illegible] vel
carbonis [illegible] quia [illegible]
[illegible] et alteri sensibilis [illegible] non
sentitur. Unde et [illegible] ignis species a philosophis
distinguuntur. Est enim ignis lux, ignis flamma,
et ignis carbo. Ignis enim lux est
in sua sphaera, sed flamma dicitur in materia
[illegible] carbo [illegible] in [illegible] terrena sive
in [illegible] grossiore. Has et
multas alias hic ignis proprietates et
quibus hic libro 2° in tractatu de ordine [illegible]
[illegible] et libro 4° in tractatu de qualitatibus
elementaribus in capitulo de calore [illegible]. Ibi
[illegible] quae iam dicta sunt hic sufficiant.

## De flamma

d- flama

Flamma est materia ignita in sua [illegible]
accensa. Nam [illegible] propter sui subti-
litatem et immediatam qua hic cum sphaera
ignis [illegible] et facilius ignit et in
materiam ignitam convertitur. Et sicut quanto [illegible] ae-
rea est purior tanto flamma est lucidior
et calidior, et [illegible] lucis [illegible]
[illegible] autem flamma naturaliter sursum et ab [illegible]
[illegible] accensa [illegible] in acutum [illegible]
[illegible] et in [illegible]. Unde in sua [illegible]
hic formam pyramidalem et acutam. Unde in suo
acumine propter [illegible] calidiorem [illegible]
angulo acuto fortioris caloris sive [illegible]
actionis. Et ideo quia in summo pyramidali
angulo calidior consistit materiam sibi appo-
sitam inflammat facilius et accendit calo-
rem sive materiam in qua agit recipit. Unde
si materia est turbida et fumosa turbida et

obscurum reddit lucem et cetera. Si vero mat[eria] parva fuerit et pura rutillat et radios luminosos undique circumfundit tenebro[s]a illuminat et abscondita prodit et vi[a]m offendicula ambulantibus ondit[?] propter su[b]tilitatem et [illegible] acute mobilitatem in qua agit in motu est circulo et nunquam pe[r]quiescit. Ventus modicus impulsus flammam excitat et accendit; si si fuerit nimius vehemens flammam dissipat et extinguit, vehemens aerem impellit co[n]tinue et [illegible] movet circulariter et [illegible] cendit ut dicit agens. [illegible] vulcanus in terra a Junone proiectus sic figuratus poetica claudus fuit et [illegible] mobilitas sui motus [illegible] [illegible] in qua [illegible] [illegible] alliditur gravitate et ex partium collisione mu[tua] sonum facit [illegible] superiorem [illegible] et [illegible] [illegible] per incorporationem adheret ab infimis ad superiora [illegible] [illegible] [illegible]

De fumo

Fumus est vapor ex partibus m[ateri]e subtilioribus et humidioribus vi calo[ris] resolutus. [illegible] autem gravius partibus mixtas cum levibus ex quibus obscuritatem [illegible] in [illegible] [illegible] [illegible] aerem emigrat et in [illegible] [illegible] [illegible] [illegible] amaritudinis etiam ex [illegible] sue grossitie [illegible] ex [illegible] acumine oculos amaricat et lacrimas provocat et sensibiliter visum ledit et suo acu[mine] ad cerebrum penetrat et spiritum ani[malem] gravat et per [illegible] [illegible] [illegible] dicitur in libro animalium quod fumus can[delae] [illegible] extincte ledit in tantum [illegible] quod si equa parturiens talem fumum sen[tit] facit abortivum. Fumus et apibus est inimicus et ledit accipitres et alias aves ut dicit [illegible] fumus [illegible] [illegible] to movetur postquam [illegible] ut dicit [illegible] [illegible] [illegible] sicut [illegible] fumi [illegible] subito [illegible] in altum ascendit et subito evanescit

Ex igne oritur et [illegible] [illegible] [illegible] [illegible] [illegible] videtur a [illegible] [illegible] [illegible] multiplicatur [illegible] [illegible] [illegible] [illegible] unde [illegible] a qua [illegible] [illegible] [illegible] [illegible] [illegible] quo agit [illegible] [illegible] [illegible] dicit [illegible]. Ceterum de nocumentis et [illegible] et [illegible] [illegible] [illegible] atque [illegible] Loca angulosa [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] spiritus [illegible] [illegible] [illegible] est sensum olfactus delectabiles et [illegible] [illegible]. [illegible] est confortativum et spiritus [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] flaxibus[?] [illegible] [illegible] [illegible] [illegible] corporis [illegible] apertivus et ad [illegible] [illegible] ad [illegible] [illegible] [illegible] et [illegible] nostrorum animalium et [illegible] [illegible] [illegible] fumum et [illegible] odoriferum [illegible] tam salubrem [illegible] [illegible] ut dicit [illegible]. [illegible] [illegible] [illegible] et de potu vi caloris resolutus ascendens ad cerebrum [illegible] sensibiles oppi[lat] et sompnum generat et sensus [illegible] [illegible] [illegible] per [illegible] caloris naturalis ad interiora [illegible] et virtutem in interioribus adunat et confortat. Si vero fuerit fumus malevolens vel nimis acutus vel [illegible] [illegible] cibo vel ex potu aut ex medicina nociva resolutus ad cerebrum advocat [illegible] [illegible] [illegible] [illegible] generat ut in maleficis [illegible] [illegible] et furorem excitat [illegible] [illegible] et ebrio[si]s oblivionem [illegible] generat [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fumositates [illegible] [illegible] et [illegible] [illegible] fumus [illegible] [illegible] et maxime [illegible] caloris ad superiora [illegible] [illegible] [illegible] et [illegible] [illegible] nubes et [illegible] generat ventos et tempestates [illegible] [illegible] passionibus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] solares in aere [illegible] [illegible] et [illegible] [illegible] [illegible] et fumo [illegible] [illegible] [illegible]

De carbone

Carbo est ignis [illegible] [illegible] [illegible]

[illegible] [illegible] reddit. Unde ignis pre-
[illegible] [illegible] corporibus terrestribus
[illegible] adherendo quadam violentia [illegible]
[illegible] [illegible] Unde sicut ignis in flamma mo-
[illegible] [illegible] propter suam subtil-
[illegible] [illegible] dicitur esse in [illegible]. Carbo
[illegible] ignem [illegible] in rubedinem [illegible]
[illegible] [illegible] iudicat et eo plus
[illegible] ignis sibi [illegible]. Unde quanto fuerit pul-
[illegible] [illegible] tanto
apparet [illegible] et [illegible] ipsius ignis
[illegible] [illegible] [illegible] [illegible]
[illegible] et ideo facilius rumpitur et frangitur quia
[illegible] adherentie parti ignis [illegible]
[illegible] [illegible]. Et ideo in carbone
[illegible] facile rumpitur quia nihil [illegible]
[illegible] [illegible] in igneis [illegible]
Unde dicit [illegible] partibus terrestribus solum rema-
nentibus propter [illegible] siccitatem facile [illegible]
postquam consumptus fuerit, ita faciliter vel facilius
extinguitur, ita quod in eo nihil ignis [illegible]
[illegible] nigredinem recipit. Nigredinem autem [illegible]
[illegible] [illegible] quicquid tangit. Carbo et
ignitus acutissimum habet [illegible] et [illegible]
[illegible] et penetrativum. Unde sui acumine ferrum
coquit et per eius [illegible] et [illegible]
[illegible]. Ideo et acumine movet [illegible]
Cinis autem absolutus in se ignem retinet
[illegible] [illegible] et frigidus [illegible]
positus in favillam [illegible] [illegible]
Et [illegible] [illegible] [illegible]. Carbo
vero si ignitus fuerit [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] magnum
facit

De scintilla

Scintilla est modica ignis particula
[illegible] ignea [illegible] et [illegible]
[illegible] dissoluta [illegible]. Unde motibus sci-
ntillat et subito [illegible] ignea [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] partes [illegible] [illegible]
motu eius [illegible] est [illegible] stelle

et luminosus et per dispersionem sue quantitatis
apparet undique radiosus. [illegible]
motus eius ad modum ignis acutus est
et virtuosus. Nam ex modica scintilla in
feno vel stipula recollecta in maximum
ignem subito augmentatur, aeris mutans
subito circumstantem et [illegible] nihil nisi fa-
villam post se derelinquit. Unde tempore
sui flatu accenditur, impetuoso [illegible] ex-
tinguitur, aerem impetuose penetrat et
in penetrando [illegible] penetrat, et
[illegible] [illegible] tanto
scintillans [illegible] fuerit impetus eius ma-
ior. [illegible] scintille
[illegible] penetrabili-
ter [illegible] pabulum.

De favilla

Favilla a fovendo dicta eo quod ignem
[illegible] atque tegat. Et est cineris mo-
dicus ex extinctione scintillarum derelictus,
ut dicit Ysidorus. Est autem favilla te-
nuis moles, flaccida et sicca atque levis,
in superficie carbonis igniti adherens, ful-
gorem eius hebetat et fervorem atte-
nuat et minorat. Ad modicum venti flatum
dispergitur, dispersa vero vix umquam recolligitur,
ut dicit Gregorius. Favilla inflammatur, sed propter de-
fectum nutrimenti subito extinguitur. Item
quamvis ignita versus caput sursum tendit,
extincta autem proprio pondere ima petit, ut dicit
Gregorius. Unde deorsum tendit motu proprio, sed
sursum extollitur et rapitur impetu alieno.

De cinere

Cinis a cadendo est dictus, nam a sub-
stantia terrestri vi caloris dissolutus
generatur, ut dicit Ysidorus. Est autem cinis
moles desperati coloris, amari et stiptici
saporis, partes habens tenuissimas et mini-
tissimas, levi flatu sparsionis et divisio-
nis receptivas. Cinis etiam habet virtutem
collativam sive mundificativam. Unde valet

Ad vestium ablutionem [illegible] vel [illegible]
et [illegible]. Unde dicit Const[antinus] [illegible]
[illegible] si fuerit calidus ignem [illegible]
[illegible]. Si vero fuerit frigidus [illegible]
[illegible] et extinguit [illegible]
[illegible] ignis [illegible] et [illegible]
[illegible] forma [illegible] et obscura [illegible]
[illegible] clara [illegible]
[illegible] ut dicit
[illegible]
[illegible] aque vel plu
[illegible]
[illegible]
[illegible] potius [illegible] reddit [illegible]
[illegible] et in omnibus [illegible]

## De aere

Aer est dictus [illegible] et ab aqua [illegible]
Aer autem [illegible] pertinet ad [illegible]
et primum ad celestem ut dicit Beda. Nam [illegible]
pars aeris superior pura et clara [illegible]
[illegible] et [illegible] motu [illegible]
attingit pertinet ad celestem. Pars vero infe-
rior [illegible] aque et terre [illegible]
[illegible] grossa et [illegible]
[illegible] vaporibus [illegible] pertinet
ad terrestria. Et hec pars aeris diversas
[illegible] producit species. Nam ut dicit Ysydorus
Aer [illegible] ventos
[illegible] et tonitrua [illegible]
nubila [illegible] pluvias congellat nives
et grandines [illegible] serenitatem
ut dicit Beda. [illegible] plus autem [illegible]
et [illegible] circa elementa. Est
autem aer secundum Const[antinum] elementum [illegible]
[illegible] humidum et calidum [illegible]
[illegible] est humidus [illegible]
[illegible] calidus. Et [illegible]
[illegible] proprietate aer est [illegible]
[illegible] a superficie terre et aque usque
ad speram ignis [illegible]

[illegible] aut [illegible]
est et [illegible]
[illegible]
[illegible]
[illegible]
[illegible] est aer [illegible]
[illegible] est [illegible]
[illegible] proprium [illegible]
aere non potest vivere aliqua [illegible]
[illegible] autem [illegible] est [illegible]
mobilis et alterabilis et mutabilis [illegible]
[illegible] qualitates [illegible]
[illegible] et terre [illegible]
si vapor fuerit [illegible] corruptus [illegible]
[illegible] aer corrumpit aut [illegible]
[illegible] vapor [illegible]
[illegible] munda [illegible] pura [illegible] fuerit [illegible]
et odorifera [illegible] odoriferum et [illegible]
[illegible] odorifera [illegible] odo-
[illegible] qualitatem [illegible] aere nobis [illegible]
[illegible] nobis est [illegible]
[illegible]. Si enim clarus [illegible]
[illegible] fuerit [illegible] spiritus erit [illegible]
[illegible] pura. Si vero turbidus et nubillosus
[illegible] erit turbide et spiritus grossi [illegible]
[illegible] ut dicit Const[antinus] [illegible]
aer est elementum et [illegible] spiritus
[illegible] aeris [illegible]
spiritus est [illegible] et [illegible]
[illegible] et [illegible] spiritus et
[illegible] ab inflatione [illegible]
[illegible] et [illegible] corporis [illegible]
[illegible] aer [illegible]
[illegible] spiritum
[illegible] corporis [illegible]
[illegible] Unde si fuerit aer purus [illegible]
in suis qualitatibus [illegible] ad [illegible]
[illegible] maxime [illegible] Si vero fuerit corruptus
[illegible] maxime [illegible]
ut dicit Const[antinus]. [illegible] est
[illegible] est [illegible]
[illegible] et [illegible] puritatem [illegible]

Notandum [illegible] secundior et grossior [illegible] ex vaporibus [illegible] attrahat. Sic varia [illegible] et ideo aer est gros[illegible] sol in eo forti [illegible] radiorum propter eius reflexionem [illegible] et refractionem. Ex reflexione [illegible] radiorum fit aer humidus et [illegible] calorem ut dicitur [illegible] metheororum. Sicut ergo [illegible]

¶ Est autem aeris condempsatio [illegible] ex vapore partibus suis [illegible] grossiori [illegible] partes aeris humidus [illegible] vel ex generatur novi aeris in se recipi[illegible] ad venti additionem aer grossi[illegible] sicut dicit Philosophus. Et rarefactione aer subtiliatur ex causa [illegible] ex vaporis [illegible] sumptionem propter vaporum fortiori calore aerem extenuante et rarefaciente [illegible] ex particulis [illegible] ultima [illegible] sicut rarefactione [illegible] caloris intrinseci aer in [illegible] ignea transmutatur. Immutatur autem aer [illegible] vel qualitate [illegible] ut dicit [illegible] ex solis appropinquante vel elongante [illegible] ad [illegible] appropinquat [illegible] elongat. Item [illegible] ortus et accessus stellarum planetarum [illegible] aer in suis qualitatibus immutatur. Coniunctus cum aliqua stella [illegible] frigida sicut Saturno in frigi[illegible] frigus in aere [illegible] calida planeta [illegible] in aere [illegible] in calore [illegible] est. Item immutatur ex terra varia dispositione [illegible] Nam in parte septentrionali [illegible] frigidus [illegible] Australi calidus et humidus est ex terra

ascendatur et dissolvitur. Et ideo in montibus est aer frigidus, in vallibus autem calidus. Cuius ratio [illegible] Boreas [illegible] ab [illegible] loca eminentia libere reperit et movet et subtiliat aerem et ita infrigidat, quare omne subtile [illegible] per motum infrigidatur. Aer autem in vallibus manet quietus [illegible] ita [illegible] tatur. Reddit [illegible] ratio [illegible] dicit quod hoc fit ex [illegible] radiorum multiplicant in [illegible] vaporis condempsatorum in vallibus [illegible] in montibus. Et ideo [illegible] in vallibus quam in montibus [illegible] radiis maior calor generatur. Et [illegible] in [illegible] metheororum [illegible] dicit quod multiplicatio radiorum [illegible] ad terram vel ad centrum est causa huius calefactionis. Similiter [illegible] radiorum in acutis angulorum [illegible]

¶ Item immutatur aer ex maris vicinitate, quia terra vicina mari septentrionali frigida est et sicca ex vapore [illegible] et sicco a mari dissoluto. Ubi vero calor est debilis et parum durat. Et ideo mare [illegible] pontum mare est quasi dulce, sed mare australe est quasi [illegible] causa. Item immutatur aer a cadaverum et paludum propinquitate ex cuius corruptione aer contrahit corruptionem, et aer efficitur putridus quasi pestilentialis.

¶ Et accidit ista aeris putrida infectio in fine estatis et prius in autumpno, quare tunc aer ex sui natura est subtilior et ideo corruptibilior, propter quod accidit talis corruptio ex commixtione malarum fumositatum que accidunt ex putredine cadaverum vel paludum sive aliarum rerum consimilium corruptibilium, ut dicit Jo. Et hec de aere in generali iam dicta sufficiant.

Incipit liber undecimus de impressionibus.

Nunc de impressionibus que fiunt in aere est dicendum.

Et primo de hiis que fiunt ex vapore calido et sicco, sicut est ignis perpendicularis qui quandoque apparet in aere et non est aliud nisi impressio generata ex vapore callido et sicco in suprema aeris parte inflammato habente latitudinem in profundo et longitudinem in supremo secundum figuram flamme perpendiculariter per ignem et motum celi inflammata. ¶ Est ignis longus qui est impressio generata ex vapore calido et sicco in suprema parte aeris carente latitudine manifesta sed [illegible] sue longitudinis inflammato per virtutem ignis et per motum firmamenti. Et dicitur hec impressio draco evomens ignem. ¶ Tertia impressio vocatur candella et generatur ex vapore calido et sicco in suprema parte aeris habente parvam longitudinem et latitudinem equales tamen propter quod apparet quasi rotunde figure inflammata per calorem ignis et motum celi. ¶ Quarta impressio vocatur assub ab Arabibus et est duplex scilicet ascendens et generatur hec impressio ex vapore calido et sicco [illegible] in suprema parte aeris longitudinem et latitudinem habens magnam proportionales tamen inflammato vehementer et calefacto per ignem et motum firmamenti petens superiora propter subtilitatem sue et vehementia inflammationis. ¶ Alia est impressio que dicitur assub descendens generata autem ex vapore calido et sicco grosso longitudinis et latitudinis equalis existente in parte superiori [illegible] interstitii aeris inflammato per ignem et motu

firmamenti descendit in [illegible] propter [illegible] grossitiem et pondus [illegible]. Dicitur iste impressiones [illegible] vulgus putat de nocte esse [illegible] vel ad stellam assimilatur [illegible] de impressionibus ex vapore sicco [illegible]. Ventus est motus vaporis sicci elevati a centro terre in aere et ibi agitati cum aliqua virtute celesti incorporati. Unde ventus secundum Bedam nihil aliud est quam aer motus et circa agitatus [illegible] a terra ascendentibus et a [illegible] generatur ventus. Videtur secundum [illegible] descriptione Augustini [illegible] in topicis [illegible] descriptum non universaliter videtur de sua descriptione quia non omnis aer motus est ventus. Oportet enim ad hoc quod aer motus sit ventus quod sit vehementius impulsus et quod multum de aere diutius impellatur. Et ideo diffinit sic Constantinus: ventus est vapor frigidus et siccus ex terris et aquis per calorem resolutus [illegible] per incorporationem sui fortis commotus et impulsus. Alii ponunt causam ventorum esse nubes in aere existentes sua mole aerem [illegible] et impellentes et ex tali motu nubium et impulsu fit ventus. Alii autem dicunt ventum procreari ex confluxu [illegible] maris in quattuor partibus. Nam [illegible] septentrionalem et australem confluxum faciat in oriente [illegible] mare eius motu movetur aer. Et sic ventus qui vocatur subsolanus procreatur. Cum vero confluxio in occidente [illegible] fit ventus qui dicitur favonius sive zephirus. Contra [illegible] orientale et occidentale fiunt confluxiones in meridie fit ventus qui dicitur auster. Et vero in septentrione fit ventus qui boreas nuncupatur. ¶ Alii autem ex fluxionibus maris [illegible] ventos procedere [illegible]. Alii autem dicunt ut dicit Beda quod ex cavernis terre fit ventus hoc modo quia aer labilis est [illegible] et ideo [illegible]

[illegible] C [illegible] una pars
[illegible] fit confluxus et
[illegible] ventus [illegible] et ideo
[illegible] ventorum que est ergo ca
[illegible] ¶ [illegible] contrarium generationis
[illegible] dicit [illegible] in 2° methaurorum
[illegible] per duo fieri vapores quia per calorem
[illegible] dissolvuntur unus est humidus qui est
[illegible] pluviarum et aquarum per majorem
[illegible] vel minorem / Alter vapor
est siccus et est materia omnium ventorum [illegible]
[illegible] ventus fuit quiet hec ma
[illegible] quia ventus fuit mobilis est
[illegible] motus et agitationis in aere con
tinuativus. Et etiam tempestuosus in mari
[illegible] in aere tempestatum generativus / Et ventus
[illegible] est moderatus et navigantibus in mari
[illegible] est divertivus et
promotivus. Econtra ideo si [illegible] et
immoderatus periculi et timoris [illegible] et
[illegible] [illegible] / Item ventus [illegible]
sua et subita [illegible] ad [illegible] maris
[illegible] maris et undarum est elevativus
[illegible] in [illegible] et [illegible]
ventus borealis [illegible] sit frigidus et siccus
est aeris depurativus / pluviarum [illegible]
nubularum fugativus et serenitatis [illegible]
[illegible] auster [illegible] et humidus
[illegible] aeris corruptivus et
turbulentia et obscuritatis generativus ut dicit beda.
¶ Item ventus [illegible] sit [illegible]
[illegible] sit fortitudinis et [illegible] sit
maris [illegible] fortis et violentus [illegible] et
[illegible] resistentibus [illegible]
[illegible] Et ideo dicitur est ventus
[illegible] quia vehemens sit et vio
lentus [illegible] tanta est ut non solum
[illegible] [illegible] terra[illegible]
[illegible] maris [illegible] ut dicit [illegible]
¶ Item ventus est humoris superflui consumptivus
[illegible] et [illegible] obstructivus.

Nam videmus quod per ventum [illegible] aquarum [illegible]
[illegible] lubrica et [illegible] per flatum venti [illegible]
[illegible] / Item temperatus venti [illegible] est [illegible]
et [illegible] excitativus. Et ideo [illegible] ventus
superfluosus et [illegible] [illegible]
[illegible] / Item ventus in suo ortu [illegible]
est et occultus [illegible] paulatim [illegible]
vaporabilem in aere [illegible]
[illegible] et sic [illegible] manifestativus // Et
dicit in 2° methaurorum quod venti qui [illegible]
[illegible] de terra [illegible] sed postea efficiuntur
fortes per multitudinem vaporum qui postea in
aere [illegible] et aggregantur // Item
ventus movetur circulariter et tortuose / nam
vapor qui ascendit primo sursum flectitur
postea [illegible] [illegible] / Et ideo eius motus
est circularis et tortuosus proculdubio / Et
ventus superius est [illegible] elevativus
pulveris et [illegible] dispersivus, [illegible]
[illegible] et [illegible] / per suam [illegible] [illegible]
[illegible] cavernositates et spongiositates terre pro[illegible]
¶ Item ventus est terremotus generativus
ex vento enim intercluso et agitato in visceribus
terre fit terremotus ut dicit [illegible] / Nam porositates
terre [illegible] est ventus apprehensus
et ad interiora terre subtilitate sue [illegible] pene
trativus per suam interclusionem inter partes
aquas est ventus in aqua superficie elevationibus
et spume causativus / Est etiam ventus
in aquarum superficie [illegible] [illegible]
et inequalitatis inductivus / Nam aqua est
equa superficialiter atque plana si ventorum
impulsu nullatenus moveretur ut dicit
ysydorus / Item vapor ventosus a cibis
et potibus sive ab aliis humoribus [illegible] calor
[illegible] multarum passionum est in corpore
illativus / Nam inclusus in stomacho
in [illegible] [illegible] tortiones generat
[illegible] intollerabiles, et multas alias gravissimas
passiones sicut ydropisim [illegible] et [illegible]
[illegible] et [illegible] [illegible] et [illegible]
[illegible] [illegible] sive [illegible].

De ventis in generali

Venti autem sunt xii quorum quatuor sunt cardinales et octo collaterales. Primus autem cardinalium dicitur subsolanus qui oritur in oriente sub equinoctiali parallello ubi quando fit maxime aeris impulsus sub [illegible] transverberatione terre et aque in aera [illegible] fit ventus. Et dicitur subsolanus quia sub sole [illegible] quia nascitur sub torrida zona sub qua semper movetur sol. Iste ventus habet duos collaterales scilicet vulturnum versus septentrionem et eurum versus austrum et possunt retineri hoc versu.

Hii venti sunt calidi [illegible] subsolanus vulturnus et eurus et sicci et calidi quia sub sole diu morantur. Sicci sunt quia mare orientale est a nobis valde remotum. Unde cum ventus orientalis ad nos declinat si quid habet de humore humido totum calore solis est consumptum. Ventus ideo subsolanus est calidior temperatus si quando declinat in vulturnum omnia desiccat. Cum autem in eurum generat nubes.

Venti autem orientales sicut dicit Constantinus in ortu diei sunt salubres quia ab aere veniunt temperato et subtiliato. Nam ut dicit [illegible] in regionibus orientalium est aer clarus et purus sive inter calidum et humidum temperatus. Unde tales venti aquas clarificant et eis saporem suavem administrant. Unde venti orientales maxime fructibus et floribus habundant magis quam aquilonares vel occidentales. Item flumina contra orientem fluentia et mare orientale sunt meliora saniora ac clariora quia ventorum orientalium et conversione solis orientis transverberatur aqua subtiliantur et depurantur.

De secundo vento cardinali

Secundus ventus cardinalis est favonius et oritur in occidente sub parallello equinoctiali. Et habet [illegible] collaterales scilicet circium versus septentrionem [illegible] versus austrum. Et [illegible]

Dicitur autem favonius eo quod foveat [illegible] ut dicit Ysidorus [illegible] germina et flores producat. [illegible] favonius tempore frigidus et humidus [illegible] quia [illegible] facit sol in occidente ad nos venit [illegible] occidentales [illegible]. Venti itaque occidentales [illegible] dicuntur sunt salubriores [illegible] sol in occidente [illegible] ergo regiones occidentales aere non habent perfecte temperatum in calore et humore et ideo eorum aqua mutabilis est et turbida, ideo quando [illegible] radiis solaribus non indigent. Nam in principio diei ventus ibi minus est frigidus, in vespere [illegible] calidior ut dicit Constantinus.

De tertio vento cardinali

Tertius ventus cardinalis est auster et oritur sub pollo antartico [illegible] Et habet duos ventos collaterales scilicet nothum versus orientem et affricum versus occidentem qui notantur hoc versu. Atque [illegible] nothus [illegible] affricus auster. Auster ab auriendo aqua est dictus. Est enim calidus et humidus et fulmineus [illegible] facit [illegible] atque spissum et nubila [illegible] suo calore poros aperit [illegible] pluvias multiplicat et adducit ut dicit Ysidorus [illegible] in mari generat quia ab ymo flat [illegible] dicit Beda, poros corporis aperit [illegible] superducit et gravitatem in corpore facit ut dicit Ypocras. Venti frigidi austrini gravant auditum caliginosi sunt et capita gravantes [illegible] dissolventes et [illegible] Dissolvunt [illegible] auster [illegible]

[illegible] et [illegible] sursus
[illegible] atque corrumpit
[illegible] podagram
[illegible] et [illegible]
[illegible] ventus itaque australis
[illegible] autem [illegible] qui
[illegible] est [illegible] vero est
[illegible] sicut qui [illegible] a suo [illegible]
[illegible] et [illegible] quia flat ab axe opposito
[illegible] per torridam zonam ubi calore
[illegible] ubi [illegible] ubi
[illegible] copia et loca vapori et [illegible]
[illegible] et acquirit unde et
ad nos calidus et humidus pervenit et [illegible]
[illegible] vapore repletus in pluvias
resolvitur. Et quia de ampla zona aeris [illegible]
ad vicam angustiam ideo contrahit aerem
unde nubes generantur. Quarum obtentu [illegible]
[illegible] obscurantur ut dicit ysydorus. [illegible]
tas itaque hic auster laudabilis [illegible]
quia est ventus [illegible] et [illegible] calidus
et humidus, pluvie et roris [illegible]
[illegible] germinum et florum
productivus, nutritivus, et augmentativus
[illegible] terre renovator [illegible]
in [illegible] [illegible] et [illegible]
in corpore dissolutivus sudoris et [illegible]
[illegible] [illegible] humorum superfluorum
provocativus [illegible] et [illegible] et
[illegible] terre eductivus.

De quarto vento cardinali

Quartus ventus cardinalis dicitur
boreas. Fortis hic sub pollo artico
[illegible] et [illegible] et hic [illegible] pola
[illegible] aquilonis [illegible] et chorus
[illegible] oriente. Et notandum quod hic [illegible]
ut boreas aquilo ventus et [illegible] ab [illegible].
Et dicitur boreas ab yperboreis montibus
a quibus flatus dicit ysydorus. Sicut
auster [illegible] qua
[illegible] flatus [illegible] septentrionali

quia flat a parte axis septentrionis et oritur
ex locis aquosis et [illegible] atque [illegible]
per [illegible] et [illegible] solis
et ex [illegible] ad nos venit
et cum ab illis locis [illegible] vapores
resolvi per [illegible] aerem
[illegible] reddit. Et pestilentiam ab austro
ortam [illegible] et [illegible] ut dicit ysydorus
[illegible] sui [illegible] terram et aquam
[illegible] nec [illegible]
in [illegible] maiore vel minore
[illegible] et quietis. Hic
igitur sub [illegible] sunt [illegible] et sanitatem [illegible]
[illegible] poros claudit humores
et [illegible] spiritus et sensus sub-
tiliat. [illegible] adiuvat [illegible]
[illegible] confortat, aerem pestilentialem
[illegible] augmentat. Unde
dicit [illegible] li. xiii. quod in [illegible]
si ventus fuerit septentrionalis nascitur
masculus, et [illegible] si fuerit meridionalis
[illegible] li. v. ca. v. quod ventus aquilonaris
malos humores [illegible] et [illegible] alia
[illegible] [illegible] per
[illegible] cutem et corporis [illegible]
asperitates [illegible] sua nervos per [illegible]
[illegible] et constringit, [illegible] ad motum et operationem
[illegible] atque [illegible]
[illegible] reddit et [illegible]. [illegible] ger-
minantes et florescentes [illegible] herbas
et arbores [illegible] spoliat atque tollit, humores
[illegible] et [illegible]. Et ideo [illegible]
est nocivus quia pulmonem sua [illegible]
et ulcerat ut dicit Galienus [illegible]
[illegible] est [illegible] angusta zona venies ad [illegible]
[illegible] aere [illegible] et [illegible]
et [illegible] humidas [illegible] aquas sup-
[illegible] unde dicitur aquilo quia aquas
ligans ut dicit ysydorus.

De nube

Nubes est impressio facta in aere ex
multis vaporibus in medio aeris

interstitio congregatur in unum corpus [illegible] ex con-
frigore quod incipsat. Unde nubes est [illegible] materia
ad pluviam et grandinem [illegible] utrumque
nubes sic generatur. Nam calor celestis [illegible]
[illegible] partes aque et terre vaporabiles ad se
in sublime attrahit et partes earum subtiliores
consumens et quod residuum est ad nubes
in nube convertit. Unde dicit Ysydorus. Nu-
bes est aeris densitas ex vaporum fumo-
sitate terre et maris attractione congelata
Aeris autem [illegible] et ventorum impulsu
ac calorum [illegible] [illegible] [illegible]
nubes fiunt vel moventur nubes [illegible] in
precinctu agitantur. Est autem nubes genera-
ta et adinvicem spongie [illegible]. Et
[illegible] impressionibus superiorum corporum [illegible] facile
receptiva. Et [illegible] radiorum solis subintrante
est multiplicis forme et coloris representativa
ut patet in arcu celesti qui nihil aliud est quam
nubes quedam rorida in qua [illegible] multiplex
forma per solis radium generatur. Est autem nubes
interius concava et [illegible] figuratur [illegible]
spera celi cui appropinquat rotunda [illegible]
et curva. A latere autem non est in aliqua forma
sive figura determinata. Nam quando nubes nubi
lateraliter approximat alter alteri in figura
se conformat ut dicit Beda. Item nubes [illegible]
[illegible] [illegible] est motiva [illegible]
vento minus plusve propellitur [illegible]
vel tardius progressiva. Item [illegible] sub-
tilioribus et purioribus vaporibus est composita
magis est lucida et [illegible] radiorum
solarium receptiva. Dyaphanitatem enim suam
et transparentiam non est perdita nisi quando ex
nimis grossis fumositatibus [illegible] substantia
est in aere aggregata [illegible] obscura et
per sui oppositionem inter nos et solis lumine
solaris est interceptiva et a nobis aspectibus
ablativa. Est etiam caloris solaris per sui op-
positionem mitigativa propter quod nubes
[illegible] messoribus et aliis [illegible] solis la-
borantibus est accepta. Item nubes calore solis

in pluviam [illegible] [illegible]
terre [illegible] [illegible]
productiva. Item [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] est ad terram [illegible]
[illegible]. Quod [illegible] [illegible]
grandinat [illegible] [illegible]
tonat. Item nubes ex aquis maris [illegible]
gata et in altum ex solis suspensa [illegible]
caloris celestis [illegible] [illegible]
et amaritudinis [illegible] [illegible]
de mari originem [illegible] et [illegible]
sole maris amaritudine [illegible]
[illegible]. Item nubes in pluviam [illegible]
[illegible] [illegible] [illegible]
plerumque est nociva [illegible]
[illegible] in mari vel in terra [illegible]

Item nubes in alto aeris interstitio suspensa
[illegible] celo esse proxima et quieta [illegible]
in [illegible] maris terre [illegible] celo [illegible]
aliqua sit [illegible]. Item [illegible] sunt [illegible]
[illegible] [illegible] nubes est aeris [illegible]
inflammativa et [illegible] ac tonitrui [illegible]
[illegible]. Item ex vento in ventre [illegible]
[illegible] [illegible] fit [illegible] nubes [illegible]
[illegible] et ex tali [illegible] attrac-
tione est [illegible] et tonitrui [illegible]

Item [illegible] sunt [illegible]
[illegible] aliis corruptis [illegible] fit vapor
corruptorum attractio ex [illegible]
in [illegible] nubium [illegible] ex ipsis nubibus cor-
ruptio [illegible] et [illegible] infectiva. Item
[illegible] nubes terre est [illegible] et [illegible]
[illegible] tanto [illegible] est [illegible]
oculis [illegible]. Unde [illegible] nubes [illegible]
[illegible] celo [illegible] [illegible]
[illegible] est [illegible] [illegible] terre est [illegible]
ut dicit Beda. Item nubes [illegible]
[illegible] et [illegible] [illegible] solet esse [illegible]
Nam [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
nubes pluviosa se subito et simul ad terram

[illegible]

De yride sive archu celesti

Iris est impressio facta in nube con-
cava et roscida ad pluvias parata
ex coloribus ... sicut in speculo ap-
parens sub figura circulari, varios co-
lores recipiens a radiis solaribus vel lunaribus
... a radiis lune causatur ...
... ut dicit ...
Itaque celestis est nubes aquosa ... 
... solis radiis ... ut dicit ...
Et dicitur archus a similitudine arcus ...
... nubium ...
... ut dicit ...
... sunt ...
... et ...

... resultantia ... radiorum ... nubis
... et umbrosa ... plena
... solis ... et opposito ...
... Nam ... 
... in figura circuli ...
... figura et ...
... singularis ...
Nam in yride ... transparentiam

[illegible]

et ... sicut et forme
sibi apposite et obiecte. Et ideo yrcus app...
coloratus. Nam ... color ...
... obtinet ... 
forme et ... 
... color rubeus in superiori
... viridis in infimo ... 
... in medio ...
dicit Beda. Et hii colores sunt ...
ordinati ... 
... est color rubeus sive vinosus
qui fit ex radio tangente superficiem
rotunditatis nubis. Deinde sequitur color
citrinus sive blavus sive ceruleus secundum qua-
litatem ... et distantiam in vapore
existente in medio nubis. Deinde apparet
in infimo color viridis in inferiori
parte nubis ubi vapor est magis terre-
stris. Et hii colores sunt principaliores
aliis, quia ... multos alios habet
colores, sed quos distinguere sensui
est difficile. Et ideo dicit Philosophus quod nullus
pictor potest depingere colores arcus sive
fingere. Causa autem yridis ...
est repercussio radii solaris ad vapor-
em nubis, sicut splendor refulgens
in aqua relucet in pariete reflexus ad
ipsum. Et cum non videtur arcus nisi per
radium solis per diem aut per radium lune
per noctem, impeditur ipsius visio vel propter
turbulentiam aeris vel propter debilitatem visus
aut propter obscuritatem nubis radiorum illumina-
tionis resistentem. Videtur autem tempore pluviali
quia tunc resolvuntur superfluitates radiorum
vaporis ... in nubibus. Et fit ex
... parva, in qua relucet radius
sibi oppositus, et sic fit formatio yridis
... colores ex varietate
vaporis in quo relucet radius ...
... Quoad virtutem vero eius et operationem
... solis temperat

et minuitur per sui resolutionem in pluviam
uel in rorem. Sed succosa virgultat et fecundat
per suam figuram et multiformem colorem varium
superiora purificat et decorat. ¶ Divini huius
in aere signum et sedes judicium ut dicit beda
et magister in ystoriis per annos xl^ta non ap
parebit quod erit signum desiccationis et
[illegible] elementorum [illegible] pacis et
concordiam inter deum et mundum et dividi
judicium per diluvium preteritum fore demonstrat
et demonstrat sicut et solis [illegible] in qua parte
celi sit sol. Sua [illegible] judicat quando nunquam
est in radium parte celi [illegible] semper ex
adverso solis enim [illegible] in meridie
apparet arcus in septentrione [illegible]
australi siue meridionali nunquam apparet
ut dicit beda. In hora [illegible]
diana nunquam apparet cum [illegible]
[illegible] quia in meridie quando [illegible]
orbem terre splendet radius eius [illegible]
oriente [illegible] quia si resplendet plu
tur in una parte quam in alia et ideo non ap
paret arcus in aliqua parte celi in puncto
meridiei ut dicit aristoteles [illegible]
[illegible] de nocte [illegible] nunquam nisi in ple
nilunio et tunc non contingit nisi bis in
l^ta annis ut dicit aristoteles.

De rore.

Ros est impressio generata ex vapore
frigido et humido non congelato in corporibus
nubibus in superficie parte [illegible]
aeris parvo frigore occurrentur ut dicit
aristoteles. [illegible] non fit ros nisi cum auster flat
[illegible] ros est pluvia parvam pluvia ros
[illegible] ventus australis sua [illegible]
rorem generat et nutrit quando aquilo sua
[illegible] [illegible] et [illegible] constringit. ¶ Luna et [illegible] sua aeri
imprimunt et generationes roris in aere
[illegible] ut dicit ambrosius [illegible]
luna mater roris [illegible] de nocte [illegible]
lunari in aere [illegible] oriente [illegible]
et radius [illegible] descendens per [illegible]

super [illegible] [illegible]
[illegible] habet et [illegible]
[illegible] roris [illegible]
[illegible] reparat [illegible]
in herbarum summitatibus [illegible]
et [illegible] sua [illegible]
[illegible] foliorum et herbarum [illegible]
[illegible] [illegible]
[illegible] [illegible]
dissoluitur et primo manifestatur [illegible]
sua [illegible] descendit [illegible]
[illegible] per aera [illegible]
[illegible] [illegible]

¶ Item ros [illegible] fit quedam [illegible]
[illegible] in superficie [illegible]
[illegible] est [illegible] in [illegible]
[illegible] et fecundat et medulla in [illegible]
et germinis amplificat [illegible]
[illegible] et maxime ros [illegible]. Nam [illegible]
[illegible] de nocte [illegible] ros [illegible]
[illegible] intra se recipit atque [illegible]
[illegible] et [illegible] et [illegible]
et per sui [illegible]
gemmam preciosissimam generat scilicet margaritam
Que tanto est nobilior quanto est albior
atque maior sicut dicitur [illegible]
pullos corvinos adhuc in plumarum albedine
[illegible] [illegible] et [illegible]
ut dicit gregorius [illegible] calore [illegible]
[illegible] et [illegible] in
[illegible] per calorem [illegible] ros
per sui [illegible] medio
[illegible] et [illegible] ut dicit [illegible] ros
[illegible] in [illegible]
et [illegible] de nocte [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] et [illegible] ros [illegible]
in [illegible] aque
[illegible] et [illegible]
dulcissimi et mellis [illegible] in herbis
et floribus [illegible] [illegible]

[illegible] est [illegible] pluvia [illegible] holeri in [illegible] [illegible] et dicit plato frigoris in aere [illegible] corruptioni loci [illegible] [illegible] corruptionibus [illegible] talis est [illegible] et corrumpit frigore [illegible] est in spica ut dicitur [illegible] aurugo sive rubigo [illegible] ut super [illegible] dicitur rubigo [illegible] rubigo [illegible] noxia [illegible] in rubore [illegible] et pestifera [illegible] et [illegible] in tantum quod [illegible] utilis est nocivo

## De pluvia

Pluvia est impressio ex multo vapore frigido et humido in nube aggregato habundante in quantitate et substantia deserente calore et magis infrigidato et humectato quam illa. Cum enim ex aqua et terra evaporatus vi caloris celestis ad infimam partem medii interstitii aeris attrahitur et ibi frigiditate loci constringitur deficiente calore frigiditatis vi dissolvitur et non ex toto consumitur guttatim dissolvitur in pluviam et in imbrem ut dicit Beda. Et est pluvia a pluribus distillationibus guttarum dicta ut dicit Ysidorus eo quod pullulet et guttatim descendendo confluat. Dicitur ymber ab imbuendo quia terram imbuit et fecundam facit. Circa vero circulos polares super quos sunt supposite pluvia non descendit. Cum autem nubes ex qua generatur pluvia a terra est remotior et alto [illegible] tanto [illegible] descendit. Cum vero fuerit [illegible] tanto impetuosius et in stillis grossioribus descendunt [illegible] et super mare descendentes [illegible] et aqua suspensiori colligunt quia [illegible] per aerem descendendo per mare [illegible] ... est et ideo pluvialis in nubibus et nubes fuerit [illegible] et ipsa fortiter fit radiorum [illegible] super nubem. Et ex multiplicatione radiorum [illegible] et nubes [illegible] fortis calor [illegible] dissolvitur in pluviam fortem [illegible] post [illegible] caloris [illegible] pluvia vehementer [illegible] ut dicit Beda. [illegible] et fit alia caloris [illegible] radiorum [illegible] [illegible] quod [illegible] adhuc [illegible] in calore nubis [illegible] et ex hoc [illegible] quod [illegible] sicut dicit Rasis. Est autem aqua pluvialis multum subtilior et penetrativa et ideo restringit fluxum ventris ut dicit Const. Est subtilis est [illegible] et levis [illegible] acuitas et aeris levitas [illegible] et ideo multum est alterabilis et corruptibilis in oppositas qualitates et ideo de facili putrefit et recipit corruptionem ut dicit Const. Dulcior et sapidior est aliis aquis quae in sua puritate permanet et bibitur. Pluvia igitur si fuerit in qualitate et quantitate temperata et tempore congruo utilis est ad infinita. Nam terram fecundat et si fuerit rimosa ipsam conglutinat, calorem in temporibus mitigat, aerem serenat, ventos sedat, pisces impinguat, siccam complexionem ad humidam [illegible] et confortat ut dicit Const. Si vero pluvia mala fuerit et in suis qualitatibus distemperata ac loco et tempore incongrua in pluribus est nociva. Nam profunditatis inundatrix et lubricitatis est in viis et semitis, infectiva germinum et herbarum, luctuum multiplicativa, fructuum et seminum corruptiva, et caloris naturalis in [illegible] extinctiva, et impossibilitatis et obscuritatis in aere inductiva, et radiorum solarium subreptiva, nubium et nebularum aggregativa, occultativa et operativa

impeditiva, aquositatis frigidi et humidi retardativa, humoris et fluxus provocativa, morborum omnium humidorum augmentativa, sterilitatis et famis causativa, corruptionis et pestilentie in hominibus et omnibus animalibus inductiva. Nam umbre perceptus corrumpit grana et inficit herbas pascuales ex quarum pastu frequenter morbus in animalibus corruptiva ut dicit Constantinus.

guta

De gutta

Gutta sive stilla est vapor humidus in minutissimas particulas resolutus [illegible] agitur autem fiunt gutte cum [illegible] calor et dissolvit [illegible] nubibus [illegible] erant aggregati propter frigus ut dicit [illegible]. Quando enim in aere est calor [illegible] frigore siccioris est congelatio vaporis sive aque. Unde dicit Aristoteles in iiii° [illegible] quod pressatores aquam calidam fundunt super [illegible] ut citius congelata [illegible]. Gutta vero quanto est terre vicinior tanto est grossior et e converso. Parvitas enim eius et rotunditas causatur quia diu manet in nube remoto a terra ut dicit Aristoteles. Est autem humida, mollis, rotunda, pura et lucida, terre ebriativa, et seminum et germinum humectativa, estus et ardoris aeris mitigativa, aeris purgativa, et cum sit mollissima in substantia ex frequenti casu est lapidis penetrativa, ut habetur [illegible] xvi°. Unde tale signum est.

de pruina

De pruina

Pruina est vapor congelatus ut dicit Aristoteles. Fuit impressio generata ex vapore frigido et humido non congregato in corpore nubis in medio interstitio aeris congelato per frigus [illegible] et temporibus in quibus non est aliqua pars caloris ut dicit Aristoteles. Unde pruine accidit durities ex frigore loci et temporis in quo generatur quia frigus vaporis partes aggregat et comprimit et sic pruinam substantiam duram reddit. Et nimia

[illegible] tamen [illegible] quos cadit [illegible] modicum solis [illegible] reddit quod pruinam [illegible] generatus ut dicit Beda. [illegible] descendit [illegible] recipit et sic in pruinam [illegible] se convertit ut dicit.

De grandine

Grando est stilla pluvie [illegible] rigore in aere congelata [illegible] Aristoteles. Est enim impressio generata ex vapore humido et frigido a frigore fugato [illegible] nubibus per diversa [illegible] aut grando a nubibus in terra [illegible] ut dicit Isidorus. Et causa generationis [illegible] vapor in concavitatibus nubes [illegible] frigore aeris [illegible]. Nam propter [illegible] caloris [illegible] in se recipit [illegible] aggregant et in substantiam [illegible] congelant. Et ideo in estate [illegible] frequentius [illegible] grandinis [illegible]. Nam dissolvendo vapores eius partes [illegible] in pruinam [illegible] minimum frigus in hyeme quia tunc non est caliditas [illegible] rotunda et pura [illegible] ex [illegible]. Causatur enim eius parvitas et rotunditas ex mora eius in aere longo [illegible] diuturna [illegible] et ex calore [illegible] partes eius [illegible] grandine [illegible] terre [illegible]. Grando [illegible] magnum [illegible] calore dissolvitur terra [illegible] et pruina [illegible]

[illegible] p dicitur q p nocte [illegible]
[illegible] fugat frigus
[illegible] septentrionales
[illegible] ab aere [illegible]
[illegible] et [illegible] grandinis
[illegible] et de arbitri.

## De Nive

Nix est impressio [illegible] ex vapore frigido
[illegible] in substantia [illegible]
[illegible] in corpus nubis ac medior[illegible]
[illegible] per [illegible] tali[illegible]
[illegible] Quia caliditas [illegible] eius sua
[illegible] a vita e frigore [illegible] rare
fieri [illegible] rarificat et mollificat [illegible]
[illegible] albedine in pulvis per victoriam frigoris
[illegible] aeris per [illegible] et dispositionem
[illegible] nubis et [illegible] frangitur
in partes latas ad similitudinem [illegible] teste [illegible]
[illegible] frangitur et [illegible] // Nix
[illegible] fragida nimis [illegible]
est quia illa in qua grando congellatur [illegible]
testatur molitur [illegible] caliditas [illegible]
nubibus [illegible] partitione inspissari [illegible]
[illegible] Nix ergo aqua est [illegible]
[illegible] et durior et frigidior ex frigore [illegible]
[illegible] tamen mollior [illegible]
[illegible] calores in ventre nubis. Verumtamen
[illegible] in eius superficie [illegible] et admo
dum calore nix in aqua resolvitur et tamen
a duricia [illegible] albedine et facili [illegible]

Mora nivis super terram [illegible] impinguat
[illegible] poros terre claudit [illegible]
[illegible] calore ad inferiora radices et [illegible]
[illegible] ad radices et [illegible]
[illegible] quia [illegible] impinguat [illegible]
[illegible] superfluas mortificat et at
tenuat bonas [illegible] impinguat

Nix in sua [illegible] fetida et fumalia
et sterquilinia [illegible] et occultat [illegible]
[illegible] per suam [illegible]
[illegible] Item alto
mari [illegible] asserit [illegible].

Cuius [illegible] est quod mare [illegible]
ibi vel [illegible] vallantibus vel a ventis [illegible]
[illegible] vel ventis [illegible]
[illegible] in nive pluvia vel nubila
resolvuntur. Item [illegible] et [illegible]
[illegible] quod [illegible] et vestigia [illegible]
[illegible] nivis [illegible]
de facili rapiuntur. Item loca alta et monti
[illegible] nix frequentius et diutius in montibus
quam in vallibus [illegible] venti frigidi
liberius in montibus quam in vallibus [illegible]
[illegible] vallibus et montibus calidiores
per [illegible] et [illegible]
radiorum [illegible] in montibus plus habu
dant. Item nix in caloris resoluta terram
[illegible] et imbuat quia ante
resolutionem frigidam fuit [illegible] in sua
superficie [illegible] indurabit ut dicitur [illegible] Item
nix [illegible] molitie et levitate in suo
descensu [illegible] vel sonum [illegible] privatur ymo
[illegible] et occulto aeris [illegible]
[illegible] superficiem terre applicatur et equaliter
[illegible] Item nix candore suo et pulchritu
dine ad sui aspectum oculos intuentium
provocat [illegible] diu inspiciatur [illegible]
visibilem disgregat et [illegible] // Item aqua
nivea potentiali et actuali [illegible] sua [illegible]
[illegible] et [illegible] poros [illegible]
[illegible] et oppilat superfluitates monstruosam
et [illegible] in eam [illegible] bibentibus
[illegible] stupida et [illegible]
[illegible] reddit lapidum in vesica [illegible]
ydropisim provocat et nutrit ut dicit
[illegible].

## De nebula

de nebula

Nebula est impressio facta ex resolu
tione nubium resolutarum in aquam
pluvialem ut dicitur [illegible] vapores [illegible]
[illegible] resoluti [illegible]
[illegible] nebulam [illegible] et indu
cit [illegible] terre est [illegible] tanto
est spissior obscurior et frigidior [illegible]
a terra [illegible] magis est [illegible]

[illegible] est sicca et obscura. Cum autem nebula a sole arcata totaliter sursum movetur in maiori parte nubibus, et tunc pluvia futura est significatio. Cum vero totaliter a radiis solis repressa deorsum cadit in terra, indicat magnam serenitatem et vanam ... futura designat. ... est aer aliquando corruptus ... corporibus ex quibus generatur et tunc est multa nociva ... communiter et ... corrupta ... animalibus ... et putrefactionem ... est amica ... occultatorum ... fraudulenta ... in magna nebula et obscura ... incognita et furata ... est ... navigantibus est gravis et periculosa ut dicit Beda, quia dum nebulis obscuritas maris superficiem occupat ... navis ... gubernatoris ... viget et ignorat.

De tonitruo in aere

Tonitruo in aere

Impressionum quae generantur in aere ex vapore duplici prima est tonitruus qui est impressio generata in aqua spissa nubis propter vapores calidi et sicci agitationem huc et illuc fugientis, qui undique ab omni parte coartatus sicut ex ... inflamatur et ingrediens se tandem in nube et rumpens eam ut dicit Aristoteles ... Vel generatur tonitruus ex collisione nubium, secundum philosophum, a ventis contrariis agitatis nubibus ad invicem colliduntur, et ex nimia grassione ad invicem et violenta confrictatione fit tonitruus vel tonitrum a terrore dicitur eo quod sonus eius terreat audientes ut dicit Ysidorus. Nam tonus etiam est quasi sonus quod in celo tam graviter ... ita ut celum discindi ... videatur ...

[illegible] in nubibus ... calefacta ... et dividit ... sonum creando ... a ... in nubibus ... magnum ... emittit. Cum tonitruo fulgur ... est tardior autem tonitruus ... quia subtilior est sensus ... prius videt ... fulgur quam audiat sonitum ... Homo prius videt ... quam audiat ipsum sonum ... dicens ... tonitruus ... tonitrum ... temporibus quibus ... mobilitas ... quaslibet partes nubis ... tonitruum ... est ... sonus ... tonitruum ... quod extinctio ignis ... vapor ... in nube aquosa ... et ex tali extinctione ... tonitruum ... in aqua extinguitur ... sonum ...

Generaliter autem tonitruus semper cum fulmine ... ut dicit Beda ... tonitruo ... et fulmine ... pluvia. Cum vero ... cum pluvia ... Tonitruum igitur ... nubium ... in doliis ... ut dicit ... in hora ... partes ... semper ... graviter ...

[illegible] ... radiatus
[illegible] ... in locis alt[is]
[illegible] ...
[illegible] ... et q[uod] orbiru[m]
[illegible] ... quoda[m] [illegible]
[illegible] ...
[illegible] ... et protradu[n]
[illegible] ... sonus
[illegible] ...
[illegible] ... gratia est sicut in
[illegible] ... desuper unit
[illegible] ... nubes com
[illegible]

De coruscatione

Coruscatio sive [illegible] dicitur fulgur
est fulmine et propterea dicitur coruscatio.
Nam proprie dicta coruscatio est appa[ri]tio
subita vaporis subtilis inflammati emana
[n]tis in aere sive descendit ad terram. Fulgur
vero non sive fulgura est vapor subtilior grossior
sive in coruscatione ad terram descendit qui
[com]burat herbas et arbores sicut ponit
[Phi]l[osophus] ut recitat in [illegible] illo [illegible]

De fulmine

Fulmen est vapor ignitus [com]pactus et
solidus impetuose cadens in mare
[illegible] fit fulgur [illegible] quod tangit
[illegible] ... et [illegible] dividit
[illegible] et nihil corporale [illegible] Et
hoc dicit Ysidorus [illegible] est
[illegible] ... ex subtili
[illegible] ... ex quibus
maior [illegible] ...
[illegible] ... ab Ysidoro nominabat. ¶ [illegible]
[illegible] autem ex vapore grosso composito ex
[illegible] et diversis elevato et [illegible]
[illegible] igniti et inflammato qui collisione
[illegible] ...
[illegible] ... nubium [illegible]
[illegible] ... admodum [illegible]
[illegible] ... et admodum lapidis
[illegible] inflammationis descendit per aerem des
[illegible] ... ignis sit ut tamen [illegible]

[illegible] violentia motus [illegible] ignis [illegible] descend[it]
[illegible] ut dicit Beda. ¶ Quid autem sit co
ruscatio et unde proveniat diversi diversi
mode tradiderunt. ¶ Dicit enim [illegible]
quod coruscatio est ignis occultatus in nu
bibus ex radiis solis. Sed hoc dicit [illegible]
esse falsum, quia si hoc esset ex omni nube [illegible]
[illegible] ... in omni nube radiis solis
occultatur. ¶ Anaxagoras autem dicit quod coru
scatio est ex aere descendente ad nubem
et [illegible] ... apparitio est
coruscatio et [illegible] in nu
bibus [illegible] illius extinctionis
[illegible] Alii dixerunt coruscationem
[illegible] ... et [illegible] in nubibus
[illegible] inflammant et adurunt. Et ideo
[illegible] est coruscatio cum splendore
[illegible] ad visum quam sonitus ad auditum.
Alii dixerunt coruscationem non fieri per ignem
sed per [illegible] splendorem [illegible] quem
per stellas et noctem lucentium illustrationem
in nubibus [illegible]. Sed dicit [illegible] quod est
[illegible] error est, quia coruscatio [illegible]
[illegible] sub radiis solis [illegible] sicut de nocte.
¶ Secundum [illegible] igitur est vapor aggregatus
in nubibus et [illegible] vehementi collisio
ne attritus ignitur, et sic fit materia coru
scationis. Et quia [illegible] aliquas [illegible]
[illegible] gravitate movetur [illegible] quod
illa coruscatio est [illegible] subtilitate
et non vehementer inflammans et adustionis
[illegible] apparet alba. Et ideo corpora ad que
pertingit non [illegible] corrumpit. Hec
usque [illegible] in 2° libro methaurorum. Cor
uscationis itaque motus est subitus et im
provisus, subito enim apparet [illegible]
[illegible] et subito est [illegible] et
subito occultatur [illegible] enim sua
[illegible] dicit [illegible] in ictu oculi perit, et in
[illegible] sua origine non [illegible]
[illegible] sua subita apparitio [illegible]

est nequissimus timor [illegible] toto
orbi [illegible] apparentia et opinione et [illegible]
[illegible] est [illegible] futurum [illegible]
[illegible] et [illegible] [illegible]
[illegible] pluuia [illegible] [illegible]
[illegible] pluuia [illegible]
[illegible] et [illegible] nocivus [illegible]
[illegible]

aura

De aura

Aura est aer leniter motus et agitatus [illegible] [illegible] [illegible] [illegible] plerumque
[illegible]. Que quidem est purior [illegible] dilectabilior et sanior [illegible] quia [illegible] temperata
et debitas qualitates [illegible] non [illegible] maxime
est [illegible] hominis [illegible], et [illegible] [illegible]
[illegible] non [illegible] est [illegible] est nociua [illegible] pestilentie et corruptionis non [illegible] est [illegible].

pestilentia

De pestilentia

Est autem pestilentia aeris corruptio ex [illegible] et pluuias dissipantia ex uitiis hominum contingens ut dicit ysidorus.
Et dicitur pestilentia quasi pastulantia quia totam hominis naturam perambulat et depascit [illegible] corruptis aquis et pluuiis et aere [illegible] spirando et cibis [illegible] et potatis statim corrumpitur et diuersis passionibus [illegible] lacessitur. ut patet supra [illegible] libro huius prope [illegible] ubi de proprietatibus aeris dictum est. Et hec dicta iam sufficiant.

Incipit liber duodecimus de proprietatibus aeris primum capitulum

xii. de pro[prie]t[atibus] aeris

Expedito tractatu de proprietatibus aeris et rerum quibus aer [illegible] [illegible]. Restat dicendum aliqua que pertinent ad eius decentiam et tractatum ornatum ut in ipsis sicut et in ceteris creatoris magnalia extollantur.
Ad ornatum autem aeris pertinent diuersa et
uolatilia ut dicit [illegible]
[illegible] de [illegible]
in [illegible] auibus [illegible]
[illegible] specialiter [illegible]
[illegible]. Et primo [illegible]
in speciali et hoc per ordinem [illegible]

De auibus in generali

Aues itaque dicte uel [illegible]. Aues sunt dicte ut dicit ysidorus [illegible]
[illegible] quia [illegible] uie non sunt in aere [illegible]
[illegible] distinctis diuersis [illegible]
[illegible] aerem et [illegible]
uolatu aerem [illegible]
[illegible] transitus [illegible]
[illegible] uolitant altius ut dicit ysidorus
propter quod et dicte sunt [illegible]
[illegible] a multis uocantur [illegible]
non uolitant [illegible]
[illegible] uel aues ideo dicte
[illegible] uel [illegible] ab eo qui [illegible]
[illegible] ut dicit
ysidorus [illegible] aues [illegible]
[illegible] proprietates [illegible]
[illegible] Nam ex duobus elementis
[illegible] in [illegible]
[illegible] est [illegible] Nam in [illegible]
aer et aqua potissime [illegible] quia
[illegible] et plus aer [illegible]
[illegible] uel aquatilia [illegible]
[illegible] ut dicit ysidorus [illegible]
[illegible]
[illegible] sicut [illegible]
[illegible]
[illegible] et [illegible]
[illegible] tanto [illegible]
[illegible] in auibus [illegible] a multis
[illegible]
[illegible] et magna [illegible] ut dicit [illegible]
libro xii. [illegible] [illegible]
[illegible] sibi [illegible]
[illegible]
[illegible] ad [illegible] multiplicationem
[illegible] generationis [illegible]

[illegible] ... omnes enim inquit [illegible] faciunt ova sicut in [illegible] ordine pp

[illegible] principium generationis pulli [illegible] ab albugine et albus [illegible] et post dies generationis [illegible] capite [illegible] ita [illegible] ovis masculis et hic [illegible] magnus toto corpore [illegible] frigit [illegible] caput [illegible] [illegible] et [illegible] super [illegible]

¶ [illegible] completa est generatio et sin[gulis] membris [illegible] capiture [illegible] in die [illegible] ut [illegible] magna [illegible] et [illegible] pulli [illegible] et [illegible] et alii gemelli [illegible] inter gemellos [illegible] erit maior et alter minor et multotiens monstruosior sicut dicit [illegible] libro [illegible]. Sunt omnia [illegible] in generationis or[dine] volucres [illegible] maximam honesta[tem]. Nam [illegible] formas [illegible] fortitudinis sicut [illegible] pro [illegible] pugnat et omni periculo se expo[n]unt. Et [illegible] qui [illegible] se [illegible] et [illegible] ab eis [illegible] solummodo [illegible] ¶ [illegible] inter [illegible] et [illegible] judicat et [illegible] eius [illegible] ut dicit [illegible] et [illegible] sexum. Unde dicit quod masculus surgit in masculum et femina in feminam et de tali [illegible] non fiunt ova [illegible] imo fiunt sicut ova [illegible] et [illegible] de tali [illegible] malus [illegible] dicit de masculo columbo quando senex est et non potest [illegible] se solum [illegible] et saltat super masculum et [illegible] ¶ Observant etiam aves in generando tempus [illegible] ad amorem mutuum se [illegible] pullificant [illegible] pul[los] [illegible] et educat [illegible]

[illegible] generationis [illegible] a [illegible] quod ab [illegible] se separat et usque [illegible] tempus [illegible] non propinquat [illegible] avis quo ad generationem [illegible] quaedam volatilia quae humana [illegible] deli[ciis] [illegible] et [illegible] sicut galli[nae] anseres passeres [illegible] et [illegible] quaedam vero omnia abhorrent [illegible] et [illegible] sicut aves silvestres [illegible] et fluviales et palu[d]ales seu palustres. Quia [illegible] varias [illegible] varia [illegible] et diversas sibi [illegible] mansiones. Nam [illegible] magis [illegible] paludes et flumina [illegible] pullificationis [illegible] ut [illegible] anates et [illegible] ut dicit [illegible] ut pedes [illegible] latos clausos et inclusos pp natatu[m] [illegible] ut [illegible] latitudine aquas [illegible] pulsent [illegible] pulsis [illegible] aquis [illegible] remigando in anteriores fortius se exten[d]ant. ¶ Caudas etiam habent breves [illegible] natatio[ne] [illegible] impediretur [illegible] rostra habent lata ut [illegible] et radices rapiant [illegible] [illegible] habent colla longa ut [illegible] et profunda aquae facilius attrahant et [illegible] volatilia non [illegible] et [illegible] natura [illegible] super [illegible] et [illegible] Unde omnes aves quae de praeda sunt [illegible] sicut sunt aquilae et accipitres et [illegible] quibus dedit natura ut dicit [illegible] ungues curvos et pedes fortes et nervosos et rostrum curvum et acutum ut fortius [illegible] et [illegible] carnes facilius laniare [illegible] habent autem hae aves modicum carnis [illegible] multum plumae et sunt maioris animositatis ut [illegible] motus velociores et volant for[tius] ut dicit [illegible] ¶ Caudam [illegible] habent [illegible] longam et tenuem quia in vo[lando] se [illegible] sicut gubernaculum [illegible]

naturam. Omnes tales aves secundum Aristotelem libro 8
solitudinem diligunt et in aliquo ordine
[illegible] non consistunt ymo pullos propos
a se abiciunt et statim postquam volare possunt
prohiciunt a nido et expellunt et in
[illegible] non permittunt ut dicit
[illegible]. Item et alie aves predam rapiunt
in predando diversificantur quedam enim
rapiunt predam in aere volando et nunquam
aliquam predam invadunt super terram. Qu-
dam autem [illegible] in terra aves rapiunt sive
rapiunt sed in aere nunquam ledunt. Unde
mansuete volucres sicut columbe et
[illegible] [illegible] cognoscunt et [illegible]
predones aeris videntur fugiunt ad terram
et cum non predones terre conspiciunt fugiunt
in aera subito se extollunt et qui in terra
erant in periculo elevant [illegible] in aere
tuti sunt ut dicit idem. Item sunt quedam
aves minores que silvas frequentant
et densas arbores inhabitant [illegible]
[illegible] quedam sunt vetres sunt vetres maioris [illegible]
[illegible] sicut omnes modulantes et
extimo tempore dulcissimis vocibus in silvis
et arboribus resonantes sicut sunt avicule
philomene et huius quod tempore amoris maxime
in rubis et frutectis nidificant super
ova solicite cubant pullos suos diligunt
et educunt. Sunt et alia quedam volati-
lia que campestria propter frequentant et
[illegible] terre fructibus acquirunt [illegible]
et manducant qualia sunt grues et
passeres tam domestici quam silvestres. Et
huius aves simul [illegible] tam in aere quam
in terra diligunt [illegible] [illegible]
[illegible] suam diligunt regem sibi faciunt
statuunt et ei obediunt ordinate volant
et quando [illegible] se vehementissime pugnant
et rostris se dillacerant et deplumant et
post pugnam [illegible] simul vo-
lant et solitatem [illegible] non declinant [illegible]
[illegible] [illegible] [illegible] et in [illegible]
[illegible] [illegible] [illegible]
ordinant et [illegible]
omnia gignunt in [illegible]
[illegible]. Similiter et [illegible]
et dicit [illegible] [illegible]
se [illegible] [illegible] [illegible]
et se quam solitatem [illegible]
et [illegible] [illegible] suos [illegible] et [illegible]
[illegible] et ad pascua [illegible]
[illegible] [illegible] [illegible]
et postea se erigit. Caput [illegible]
elevat frequentius et [illegible] [illegible]
dicit [illegible] [illegible] et [illegible]
et [illegible]. ¶ Item sunt consideranda quedam
alia avium proprietates [illegible]
Sunt enim quedam que non [illegible]
et sanguine sicut [illegible] aves predicte [illegible]
sunt [illegible] rostri et [illegible] unguibus que
omnia animalia que [illegible] [illegible]
[illegible] [illegible] aves [illegible] sicut faciunt
[illegible] ut dicit [illegible]. Et tales aves
[illegible] [illegible] ut dicit Ysidorus [illegible]
non sunt volatilia que solum utuntur seminibus
et fructibus ac herbis terre nascentibus ut [illegible]
[illegible] et [illegible] [illegible] silvestres
quam domestici. ¶ Alia etiam sunt volatilia que
que [illegible] [illegible] [illegible]
[illegible] sicut omnes aves [illegible]
sicut [illegible] [illegible] et [illegible]
et [illegible] dicit [illegible] et basiliscus [illegible]
aves [illegible] pullos suos [illegible]
[illegible] [illegible] parentes [illegible]
sua [illegible]. [illegible] [illegible]
[illegible] in suis [illegible]
[illegible] ut dicit [illegible]
volucribus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] impendi [illegible]
[illegible] non [illegible] ut dicit [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] proprietatibus [illegible]

[illegible] avis in hoc quod vivit [illegible] quod in aliis animalibus [illegible] disponitur est [illegible] quedam [illegible] rostrum breve et latum [illegible] est et mansueta que [illegible] est et similiter cibum de limo [illegible] rostrum longum et acutum, sicut et longum collum que acquirunt cibum de profundo [illegible] et acutum, [illegible] est [illegible] eodem hoc et [illegible] hoc omnis avis [illegible] est sic hominis in pedibus et ceterum disponit materia dicta [illegible] quia pedes avium [illegible] sunt fortes et acuti que convenient sunt [illegible] et unde in pedes aut [illegible] sunt clausi et fin[di] dunt et lati que conveniunt natationi. Et omnes aves longorum pedum et crurium habent longum et volant extenso collo. Et si collum sunt [illegible] et gracile debilitat ipsum in volando et [illegible] que omnia avis habens breve collum brevia habet crura et [illegible]. Omne et [illegible] sed cum [illegible] avis [illegible] [illegible] [illegible] quo ad citum vel tardum pullificationum [illegible] multotiens pullificat ut columba que decies [illegible] in anno [illegible] etiam [illegible] multum ut gallina et quedam que multotiens [illegible] Gallina aut multum [illegible] ut dicit [illegible] Aves aut curvorum unguium que [illegible] raro [illegible] que non nisi in anno semel parere [illegible] ut [illegible] pullificant bis [illegible] autem [illegible] super ova sua ut patet in gallina

et in aquila et qua dicitur [illegible] congregantur valde [illegible] albi [illegible] et [illegible] Sunt etiam multe alie proprietates avium quas prosequi esset longum. Hoc solum attendendum quod [illegible] aves [illegible] sunt [illegible] motus fortiores [illegible] carnis [illegible] et pullos [illegible] amplioris. Hec autem in generali dicta nunc sufficiant. De avibus in particulari et primo de aquila.

Nunc de avibus in particulari dicendum est. Et primo de aquila que inter [illegible] volucres obtinet principatum, super omnes [illegible] species. Aquila est maxime liberalis ut dicit philosophus. Nam predam quam arripit nisi nimia fame arctetur sola non comedit, ymmo avibus eam sequentibus quasi communiter reponit sua tamen propria primitus portione. Et ideo semper aquilam alie aves solent insequi, sperantes semper quod de ipsius preda eis debeat portio aliqua [illegible]. Sed quando preda prius rapta sibi non sufficiat, tunc [illegible] avi sibi proximiori rapit, et in medio illam ponit. Duos lapides [illegible] nomine [illegible] quorum unus est masculus, alius vero femina in nido suo reponit, sine quibus ut dicitur parere nequit. Gemma que dicitur [illegible] reponit in nido suo, ut suos pullos custodiat a morsu serpentium venenoso ut dicit Plinius. Est autem aquila ab acumine oculorum dicta ut dicit Ysidorus. Tanti enim [illegible] dicitur esse visus ut cum in aere super maria immobili penna feratur, et [illegible] minima elevatione a terra vix humanis pateat obtutibus, de tanta sublimitate pisciculos in mari natare videat, et ad

de avibus in particulari et primo de [illegible]

instar lapidis descendens piscem rapit. Sic
mens in [illegible] spiritu ad celestia trahit. Est
autem aquila natura calida et sicca ut dicit a[illegible]
super dictus, animo [illegible] fortis et audax.
Cuius fortitudo maxime viget in illis
pedibus et in rostro. Cum illas habet
valde nervosas et plus carnosas [illegible]
in volando pennas [illegible] quia respectu
in [illegible] sui corporis parum habet
[illegible] et multum nervositatis. Propter quod
multum habet fortitudinis et virtutis. Aquila
etiam habet [illegible] propter quod etiam pluri-
num continet levitatis. Inter omnes autem
volucres maxime viget in aquila visus
[illegible], speciem visus visibilis [illegible]
mus, et in actu videndi [illegible]
[illegible] irreverberatis oculis in solis rotam
[illegible] intuetur, et in visu suo acies
non obtunditur nec claritate solaris lumi-
nis disgregatur ut dicit Ambrosius. Dicit
et Ambrosius sicut et Aristoteles in libro [illegible]
quidam species aquile quam vocat [illegible]
est acuti visus valde et pullos suos un-
gue suspensos radiis solis obicit, et solis
aspectum compellit, et hoc antequam habeant alas
completas. Et ad hoc pervenit [illegible] ad
aspectum solis, ut si oculus alicuius lacrimet
ipsum tamquam degenerem vel [illegible] vel
abicit de nido et [illegible]. Si autem
directa acie solis radium viderit ipsum
tamquam sibi filium diligit atque nutrit.
Quibus autem irreverberata acie solis cla-
ritatem videat visum tam ad [illegible] aspectum
dirigit et inclinat ut dicit [illegible] et Aristoteles
libro 9o. Avis inquit [illegible] ingenium sui
dirigens [illegible] acumine visus quia videt
cibum suum a loco remoto valde, et propter
levat se aquila plus quam alia volatilia
habet [illegible] in altissimis rupibus vel loci
sublimitate ab omni [illegible] adversario se tu-

[illegible] et abscondit. Et [illegible] altissimis
[illegible] residet et tamen [illegible]
ista videt. Aristoteles [illegible]
dit et cum visu [illegible]
descendat subito [illegible]. Est
Aquila avis difficultatis habens pulli-
cium et nutriens pullos suos. Dicit enim
Aristoteles libro 6o [illegible] quod aquila [illegible] ponit
tria ova, sed tertium proicit [illegible]
gravat super ea. Et subdit [illegible]
debilitat in tantum quod non [illegible]
pullos avium aliarum que sunt [illegible]
unguentibus sui etiam albescunt [illegible]
tur. [illegible] se gravat volando cibi pullis
suis et se constringit [illegible] tres pullos
tertium de nido suo propter difficultatem nutri-
endi. Est avis que arabice dicitur
[illegible] nutrit pullulos suos [illegible]
ab aquila [illegible] ut dicit idem. Item
dicit idem libro 9o quod aquilarum sunt species
diversimode [illegible] et nutriunt pullos suos
[illegible] quod albas habent caudas [illegible]
[illegible] plus laborant quam habent nigras [illegible]
in hoc negotio se fatigant. Pullos autem
suos ad volandum [illegible] de nido
[illegible] paulatim promovent ad volandum
et [illegible] ut audivimus [illegible]
quando in aere non [illegible] forsitan
precipitaverit ad [illegible]
rostro et [illegible] ut [illegible]
[illegible] ad [illegible]
[illegible] in fortitudine et in pennis [illegible]
eos a se [illegible]
Cura [illegible] parata ad [illegible]
aliis avibus [illegible] ad nocendum
pullos in aliquo vel [illegible]
tangit Aristoteles libro 9o ¶ Item aquila [illegible]
dicit ut tangit [illegible] quod [illegible]
[illegible] pullicule [illegible] ad rapinam
[illegible] cibum et digerere [illegible] sanguinem

et liquefactiones humore pt suo in os suu
[illegible] cruentu sanguinem
[illegible] et ita refficit
[illegible] quousqz conualescant
ad iuuentutem [illegible] factiorem. Ad hoc dic
[illegible] plinius q aquila in senectute
patit [illegible] in oculis et grauedine
in alis suis. Contra quod incomodu
[illegible] fonte aque scaturientis
[illegible] ascendit [illegible] pot p [illegible]
[illegible] calore aeris et labore volatus fortis
[illegible] vn tuc ex calore poreis apertis
et pennis rellaxatis subito descendit i fonte
[illegible] ubi mersat [illegible] et purgata calig
ine in oculis vires recipit et assumit
[illegible] et dicit idem q [illegible] sic [illegible] ita
[illegible] et [illegible] eius rostru ut vix
possit recipe cibu suu. Et contra hoc in
comodum inuenit remediu, q petram
sibi querit contra qua rostrum fortius per
cutit et allidit et sic deponit [illegible]
[illegible] capiens [illegible]
Et sic dicit plinius aquila [illegible]
et arbore [illegible] ad solis [illegible]
dirigit vel post pdam [illegible]
vel vngues suos [illegible] no [illegible]
hic [illegible] in soli
[illegible] et [illegible] et
alijs incomodis [illegible] dic [illegible]
[illegible] alijs proprietatibus
[illegible] laudabiles [illegible] auis [illegible]
in calore et [illegible] et ideo est [illegible] et [illegible]
q ita fortis [illegible] nisi in corporibus
magnis [illegible] dicit [illegible] li. [illegible] et
[illegible] in [illegible] est aquila
[illegible] vnguibus [illegible] capit et rostro
[illegible] aues [illegible]
alias [illegible]
aquile et [illegible] voluerit
[illegible] et [illegible] pt [illegible] dic plinius

q [illegible] aues in die [illegible] audi
unt aquila vox pdam et hoc [illegible]
dit ex timore. Aquilam [illegible] in aere [illegible]
rapientem timent [illegible] omnes aues [illegible]
[illegible] illam que rapit in terra [illegible]
illa q rapit in aqua q illa no timent
nisi voluerit quam dicit et [illegible]
est in aqua [illegible] alis [illegible]
[illegible] nobilitate [illegible] aquilarum
que in aere vel in terra [illegible] pdam
sua. [illegible] dicit
Alex. li. [illegible] q [illegible] manet [illegible]
mare [illegible] iuxta magnos lacus et ciba[illegible]
[illegible] in [illegible] qui ascendunt ab
aqua [illegible] vultur [illegible]
[illegible] vn fugit ad aqua si vultur q
est [illegible] semp volat circa illa [illegible]
[illegible] auis de aqua in aere vel
in terra [illegible] rapit eam vultur, si vero
[illegible] in aqua suffocat. Hec autem
aquila vnu pedum clausum admodum
pedis ansinum [illegible] quo se regit in aqua
qn solet descend [illegible] pdam. Aliu vo pe
dem [illegible] acutissimis vnguib
[illegible] quibus pdam rapit. Est autem pennas
aquilina pdam latrine corrosiua [illegible]
[illegible] ut dicit plin. Dicit enim q penna
aquile posita int aliarum auium plumas
corrumpit et corrodit eas. Sicut etiam
legit de lupo q cordi facte de intestinis lu
pozi [illegible] in viola vel cythara posite cum
cordulis factis de intestinis ouium eas
destruunt et corrumpunt ut dicit id. Aquila
etia societate no diligit ymo fugit vt
dicit Alex. li. p. Auis que [illegible]
vngues no est possibile no est possibile
q viuat cum aliquo sociorum suorum [illegible]
vngues hic pro [illegible]. Et ideo q
sedit sup lapidem retrahit eos, et [illegible]
claudit intra carnem ne eos allidat
vel [illegible] contra petra ut dicit Alex. li. [illegible]

Non nisi sicut avis huius iuxtos unguis sup arbores vel lapides q2 na unguium istorum sunt duri etc. Item nupta est contra h hos suos in vos visus claudit contra solem qm vos reputat alienos. Item ut ad p̄dam alias avium vos instruat et compellat rostro vos percutit et compellat et volare ut dicit plinius.

De accipitre

Accipiter est avis regia q plus audacia q ungulis est armata et qd ei in quantitate corporis na denegavit hoc i virtute ac audacie recompensat ut dicit ysydorus. Est enim avis ut dicit idem in alijs avibus rapiendis avida a quarum raptione i p̄da accipiter i raptor est vocata. Dicit aut beatus basili i exameron q accipiteres circa suos pullulos sunt crudeles q2 cum sunt habiles ad volandum cibos eis subtrahunt et percutiunt admodum aquillarum q de nido extra compellunt et cogunt q2 eos aucupant quod trepidat ne ad p̄da exeant ne adulti effecti torpescant ocio et magis cibum querunt q vigorem ac consuescant ut dicit basilius et ambrosius.

¶ Sunt aut quidam accipiteres predones avibus in quidam habentes tantum terre sicut aquile ut dicitur de p[illegible] li. 9. Primi aves volatiles totum rapiunt. Secundi vero sedentes in terra percutiunt et venantur et sunt hos columba discernit sicut de aquila dictum est.

¶ Est aut accipiter avis calida et sicca et inde carnis comparata proprinarum et plurium varietati diversa structurum in pinnarum diversa filia et in agilitate et ac magnitudine diversa impar est. Summa enim velocitate nunc in aera se elevat et ascendit in tantum q ab homine aspicientibus sit invisibilis nunc subito intendit ad p̄dam venit. Pectus vero accipitris est acutissimum modica tamen carne est munitum. Unde dicit ar li. 14. Quanto pectus est magis acutum tanto melioris est volatus cum sic habuerit

pectus multum latum movetur multum acute et est gravis motus. Causa illius aut est quia acutum est debile ... et contrarium cum ex multa carne sicut ... Maxima itaque est eius virtus in pectore in unguibus et in rostro quo tam percutit et terebrat cerebrum. Pectus eius fel medicinale est et utiliter in oculorum collirijs administratur, visum enim acuit et oculorum albugines destruit et consumit. Simile et fel vituli. Habet aut hoc proprium accipiter ut dicit gg qui in statute statutis sit pinnarum multitudine gravatum expandit alas suas contra solis radios flante austro ut sic receptis aura et calore dissolvunter aperiantur pori. Quibus apertis cecidit allabitur sic veteres pinne recedunt et nove succrescunt et sic novitas pinnarum ipsum efficit ad volandum aptiorem.

¶ Duo aut sunt genera accipitrum quidam est enim domesticus quidam silvestris. Domesticus sit mitior aves rapit et raptas cas suo domino deliberat. Silvester vero domestice capit aves indignanter est natura accipiter. Unde si quidam que impetit in cursu aliquo non accipit vix illo die ad manum domini sui redit.

¶ Patet aut ut accipitrum dieta sit ordinata scilicet nec nimis tenuis nec nimis laute ex habundanti enim cibo impinguantur et tunc insolescunt aut pigrescunt et ad reclamatorem venire dedignantur. Ex vero nimis paucus efficitur accipiter debilis et efficitur impotens ad predandum. Contraria acuitatem talium avium ciliare claudentur tegi ne nimis de manu gestantis se auferant visis avibus ad quarum raptum anhelant et aspirant. Et ideo quibusdam laqueis corporis pedes illaqueantur ne libere ad quamlibet avicula evolare. Gestatur in sinistra ut de dextera aliquid accipiat

[illegible] rectificat. Decuat aut accipiter domesticus uehe[illegible] sunt in mutatorijs ut a primis [illegible] futurat exhonerant et sic [illegible] et [illegible] recuperant. Dat aut eis cibus [illegible] aliquantulum uenenosa ut [illegible] mutent. Accipites maxime [illegible] fumum ut dicit beda. Et ideo eorum mutatio a locis fumosis debet esse remota, ne eorum corpora ex fumi amaritudine ledantur et in plumis eorum ex nigredine fumi [illegible] Carnibus recentibus et sanguinolentis [illegible] et solet eis dari corda auium [illegible] [illegible] dum uiuit et potentes sunt ad [illegible] assuete dilignunt, [illegible] manibus gestant super pertica reponunt, [illegible] et [illegible] manibus [illegible] Sed qui [illegible] ab auibus inutiles reputantur Non eius comedunt sed potius [illegible] [illegible] prohibetur

De alieto

Alietus sicut dicitur [illegible] super deu. 14. [illegible] est quod falco auis [illegible] auicula et multum decora [illegible] eius auis longe [illegible] maiores [illegible] pectore et pedibus [illegible] [illegible] alios uero Alietus est auis paruula capiens alias minimas aues [illegible] dicit auctor [illegible] [illegible] exiguas alietus [illegible] [illegible] et aues minime [illegible] [illegible] Experimentum [illegible] aliquid [illegible] [illegible] nos. Et [illegible] hoc [illegible] quod alietus [illegible] quod [illegible] paruus [illegible] dicitur [illegible] [illegible] [illegible]

De appibus

Apes ut ysydorus [illegible] dicte [illegible] quod sine pedibus nascuntur, uel ex eo quod pedibus se alligent [illegible] ysydorus [illegible] sunt in [illegible] [illegible] [illegible] [illegible] sibi proprias [illegible] [illegible] [illegible] sibi alienas, domicilia sua [illegible] artificio componunt et ex uarijs floribus mirabili arte fauum condit [illegible]

[illegible] plus nimia [illegible] [illegible] Excitantur et regem [illegible] et bella mouent [illegible] fugiunt et [illegible] tumultu [illegible] [illegible] [illegible] boni [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] qui [illegible] alij apes [illegible] sicut [illegible] [illegible] [illegible] dicit ysydorus

Item de appibus

Secundum Ambrosium aut in exameron mirabilis est apium proprietas et insignis. Nam apes [illegible] [illegible] [illegible] mansionis [illegible] [illegible] [illegible] omnibus [illegible] est labor omnibus [illegible] cibus [illegible] opus [illegible] usus [illegible] fructus omnibus [illegible] omnibus est uolatus [illegible] omnibus est generatio, integritas quoque corporis uirginalis omnibus est [illegible] sicut et partus [illegible] nullo concubitu miscentur, nec libidine resoluuntur nec partus quatiuntur doloribus et tamen maximum filiorum examen constituunt. Nam alie uolucres [illegible] in anno singulos educant fetus, Apes geminos [illegible] et duplici [illegible] fecunditate [illegible] [illegible] Apes sibi regem creant, ipse sibi populos ordinant et [illegible] [illegible] [illegible] sub rege ipse [illegible] sunt liberi. Regem quem sibi substituunt [illegible] affectu diligunt, et summa defensione defendunt, pro eo perire pulchrum putant, et regi suo tanta reuerentiam exhibent, ut nulle de suis domibus exire audeant, nec ad aliquos prodire pastus gratia, nisi rex fuit egressus et uolatus sibi [illegible] principatum

Eligunt aut apes sibi in regem et magnitudine et specie magis insignem et quod in rege principuum est mansuetudine clariorem, Nam etsi habeat aculeum eo tamen non utitur ad uindicandum. Naturaliter aut apes tanto sunt [illegible] [illegible] [illegible] sunt maiores, Sed et apes que non obtemperant regi [illegible] [illegible] [illegible] [illegible]

aculeo suo vulnus moriantur. Sed apum
non minima nulla est certior, quedam
enim certant quasi in bello campestri contra
alias apes. Alie invigilant circa motus,
alie futuros explorant ymbres, et specu-
lantur concursus. Alie ceras de floribus
fingunt. Alie cellulas nunc rotundas
nunc quadratas mira iunctione et equali-
tate componunt. Et inter diversa opera nulla
alterius laboribus insidiatur, nulla raptu
victum querit, sed proprio volatu et labore
inter herbas et flores que sibi sunt
congrua recolligit et requirit. Habent
enim aures spicula suavi et mella fundentia
vulnerum si ab aliquo fuerint lacessite, ve-
nenumque sua ponunt ardore vindicte pro
[illegible] suorum destructione. Apis itaque
et si infirma robore, valida tamen est vi-
gore sapientie et virtutis. Cuius favus
omnibus est suavis qui [illegible] sua fauces
obdulcat et vulnera curat ac interioribus
ulceribus infundit medicamentum. Hec
usque Ambrosius.

Iterum de apibus

Sunt et alie proprietates quas tan-
git Aristoteles in libro nono, ubi ista sunt
scripta. Dicit enim inter cetera quod apium
operationes valde sunt diversificate. Quedam
enim adducunt suis alveariis quod sufficit
ad preparationem mellis ex frondibus et flo-
ribus arborum et herbarum, et recipiunt in
quibus est glutinositas, et elliciunt ex
eo super fluxum alveariis, et hoc faciunt propter
aliam nocentiam. Et si introitus alveariis
fuerit nimis amplus obturabunt [illegible]
[illegible] congregant mel, et sub incipiunt
facere domos alias in quibus habitant alie
apes custodientes alvearia. Et accipi-
unt ceram ex floribus et congregant ipsam
cum pedibus anterioribus, et cum mutat
eam ad medios et inde ad coxas poste-
riores, et post volant cum ipsa et tunc
manifestatur ponderositas in ea. Et cum

volat apis non sedet super flores diversos [illegible]
[illegible] [illegible] [illegible] [illegible]
ubi invenerit quod necesse est [illegible]
[illegible] quo indiget [illegible]
ad locum suum [illegible]
et quo [illegible]
[illegible] [illegible]
liberiter folia et flores olive et manent
super eam longo tempore propter spissitudinem.
Et non videtur ex eorum neque volant [illegible]
[illegible] turba apium et si fuerit [illegible]
[illegible] [illegible] in una parte et alia
in alia [illegible] mortuus [illegible]
[illegible] in domibus et forma [illegible]
est dupla ad alias [illegible] aculeos
quasi masculus. Et multi vocant [illegible]
aculeis et volunt quod [illegible] aculeos
et non possunt. [illegible] est me-
[illegible] est nigre alia est rubeus et [illegible]
[illegible] est. Et est apis bona [illegible]
[illegible] constructa in medio [illegible]
[illegible] [illegible]. Et different
apes in pastu que quedam pascuntur flo-
ribus ortolanis et sunt diverse ab aliis
que pascuntur floribus montanis sunt minores
aliis fortiores et plus patientes laboris.

Iterum apes sedent super alvearia, et sug-
gunt quod est superfluum in favis, et
dicit quod si non faciant hoc generarentur
ex eis aranea et morerentur apes. Cum
autem mel non est multum in domibus destruunt
eas et pugnant cum illis qui volunt [illegible]
mel. Et propter hoc dicitur [illegible]
formica quasi parata ad [illegible]
et pugnant [illegible] contra [illegible]
[illegible] [illegible]
et laborat [illegible] alveariis [illegible]
[illegible] laborant [illegible]
[illegible] alvearia [illegible] nisi magno et [illegible]
[illegible] et [illegible] in medio [illegible]. Et [illegible]
[illegible] pullorum apium [illegible]
[illegible] apes [illegible] et volant circa

Alvearia [illegible] dicit quod si p[ro]ut [illegible] et [illegible] congregatura. Et si ac[ci]dit q[uod] [illegible] pars apu[m] ad aliasque apes [illegible] illa pars [illegible] ad alve[are] [illegible] et [illegible] sua regem [illegible] [illegible] ad possidendum regem plures. Et [illegible] dimiserunt [illegible] eas [illegible] item [illegible] apes [illegible] [illegible] totum [illegible] et [illegible] eius [illegible] impossi[bi]le est totum [illegible] [illegible] Item [illegible] apes [illegible] [illegible] si qua [illegible] in alveari[a] [illegible] [illegible] hoc [illegible] [illegible] pluri[bus] [illegible] et pp hoc [illegible] [illegible] volant et non [illegible] [illegible] q[uod] fetidus odor [illegible] eas [illegible] et [illegible] si [illegible] fortis [illegible] [illegible] apes [illegible] orificium alvearis ut [illegible] ad eas. [illegible] alvearia [illegible] aliquo [illegible] da [illegible] Et si [illegible] aliquo [illegible] fetor [illegible] [illegible] [illegible] [illegible] artificialiter [illegible] [illegible] [illegible] [illegible] loca frigida. Et si [illegible] [illegible] [illegible] multi [illegible] post [illegible]. Et si modicu[m] [illegible] ad [illegible] vel. Et pp hoc [illegible] [illegible] [illegible] multitudinis apu[m]. Et si [illegible] [illegible] eas [illegible] [illegible] remoceat [illegible] intra alvearia [illegible] est q[uod] [illegible] [illegible] alveari. Et [illegible] [illegible] intra alvearia [illegible] dulce et [illegible] [illegible] [illegible] [illegible]. Item [illegible] apes [illegible] [illegible] volando [illegible] et [illegible] alas [illegible] intra alas et corpus [illegible] [illegible] apum sunt maiores [illegible] [illegible] pp [illegible] [illegible] [illegible] a terra [illegible] [illegible] sicut [illegible] [illegible]. Item [illegible] apibus [illegible] q[uod] ab [illegible] [illegible] de

[illegible] ex parvis [illegible] in alvearibus ex corruptis [illegible] et [illegible] [illegible] illi [illegible] [illegible] [illegible] [illegible] [illegible] vel [illegible] sup[er] totum alveare, et ideo [illegible] vel [illegible] [illegible] apes vel moriuntur. Item [illegible] apes [illegible] ex [illegible] [illegible] ex [illegible] [illegible] ex [illegible] p[er] [illegible]. Item [illegible] pluvialibus multiplicant[ur] apes sicut pulli apu[m] [illegible] pp [illegible] multiplicantur superflui[tat]es in corporibus. In [illegible] aut[em] [illegible] [illegible] pulli apu[m] [illegible] [illegible] [illegible]. Item in dictis particularibus [illegible] apes flores amigdalinos [illegible] faciunt mel magis [illegible] et magis saporosum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] apertiuu[m] atq[ue] ydropicoru[m] sanatiuu[m] et morsus rabidi canis curatiuu[m]. Item [illegible] infra [illegible] in tractatu de liquoribus.

De bubone

Bubo a sono vocis nomen h[abe]t ut dic[it] ysydorus. Est aut[em] avis feralis onusta q[ui]dem plumis sed corpore gravis semp[er] detenta pigritia. De bubone est ad volandum in sepulchris die ac nocte [illegible] semp[er] [illegible] in cavernis. [illegible] apud [illegible] malum [illegible] [illegible] ut dicit ysydorus de bubone. Dicit [illegible] [illegible] [illegible] monedula [illegible] pugnat cum bubone [illegible] de [illegible] [illegible] bubo [illegible] meridiem [illegible] [illegible] [illegible] de nocte q[uam] de die, et pp hoc rapit monedula q[ue] est avis [illegible] [illegible] ova bubonis, et comedit ea de die de die et bubo comedit ova monedule de nocte. Cum bubo de nocte fortior est q[uam] de die, et monedula fortior est de die. Et alie aves volant de die [illegible] bubonis et deplumant ipsum, et pp hoc [illegible] de [illegible] [illegible] [illegible] alias aves.

Pugna aut[em] istarum avium sicut et bestiar[um]

non est nisi per arbores et mansiones
Item sunt eius ululatus de nocte
pspicit et mortem hominum augurant quem
a cornicibus strigibus et aliis immundis
tyis passeribus et aliis volucribus odio habetur
Templa frequentat nocturno et de
oleo lampadarum sugit et plumis tibiis
et non in rostro cum ungulas pedum vero ossee
stilus sine rostrum promittit vis distinctio
est / Et in diebus fit ab aliis avibus
impugnatur in supinum se vertit et rostro
et pedibus se defendit / capiunt et vespertiliones
venantur et comedit de nocte
vagatur et circumvolat et de die non in
parietum rimulis se abscondit
De columbis

columbe

Columbe sunt dicte a colli colore eo
quod in varium plumae in collo colore
sunt aspersae ut dicit ysydorus Sunt
aut columbe aves mansuete hominum fre-
quentia et consortium diligentes in corpore
multitudine convenientes quas antiquitus
veneras nuncupabant eo quod frequenter
nidos et osculo amorem et venerem nutriunt
Dicuntur / Et columba dicitur quasi colli
lubes ut dicit ysydorus / Sunt columbe o-
mni tempore et faciunt pullos cum
fuerit eis mansio calida / et fuerit
eis mansioni cibus paratus / aut hyeme et
faciunt pullos in autumpno hyeme vel vere
vel in estate propter copiam ciborum / sicut
usque ysydorus.
De columbis

columbis

De natura nunc columbarum dicit Aristotiles libro vi.
Columba avis est voluptuo-
sa / unde et se osculantur ante coitum / et ma-
sculus senex non potest coire tamen non cessat
osculari et femina multotiens saltat
super feminam cum non sit masculus / Et
facit hoc cum osculatur et non emittunt se
men ex tali coitu faciunt alia ova non

pulli formantia fiunt ex ova venti et aves
autem que filios sunt columbis ovant bre
bis vel ter et facit duo ova sicut quar
tertio nisi quando concubitus producit
ideo dicit libro v. Columbe magis promi
tunt per pullificant moventur femina
a primus pullus est masculus et alter
exit unus pullus uno die alius alio
et masculus cubat de die ova femina
de nocte ipsius oculi complet et finditur
in xv diebus / Et calefacit pullos per
primo et post dimittit illa / et masculus
et femina calefaciunt pullos in [illegible]
et femina est magis solicita circa pullos
quam masculus / et vivunt columbe octo annis
et quinque vel duodecim quandoque
in captivitate et masculus cohabitat cum femina
post annum. Item idem libro viii cum pulli
ficat columba statim masculus tegit pul
los / et si femina tardat venire ad pullos
propter dolorem partus percutit eam masculus
et cogit eam ut se ponat super pullos et cum
assurgunt pulli exiliunt et fugit terrae
sane id quod fugit ponit iuxta
pullos et assuefacit eos cibo Cum
autem masculus vult coire pullos de ni-
dis eicit eos cum impetu. Item columbe habent
proprium situm et picturas / quia rapere
suum non exigunt quam potant quousque
eis sufficiat haustus potus ¶ Vivunt
autem columbe communiter et vivunt usque ad
xv annos secundum eundem libro ¶ Proprietates
aut columbe usuales et multas notas in-
venit glosa super verbum illud oculi tui
columbarum canticorum. Primo columba super flu-
mina residet ut respicit in aqua autem sunt
fortes in cavernis petrarum nidificant. alie
nos pullos ut suos nutrit. Columbas
aliquas recreantes asserunt et colligit sunt
fluenta manet meliora grana sibi colligit

[illegible] [illegible] [illegible] [illegible] uolat
[illegible] [illegible] [illegible] albiret rostro sed [illegible]
[illegible] ad [illegible] [illegible] [illegible] non remedit
[illegible] pullos [illegible] super [illegible] [illegible]
[illegible] amica [illegible] [illegible] longe [illegible]
[illegible] quia [illegible] stant ad aucupia
[illegible] [illegible] se absconde sicut dicit
[illegible] [illegible] [illegible] pullos columba super
[illegible] [illegible] [illegible] [illegible]. Et ut dicit
[illegible] [illegible] [illegible] [illegible] dicit
[illegible] [illegible] [illegible] [illegible] dextera alia
[illegible] [illegible] [illegible] [illegible] imposito
[illegible] [illegible] et [illegible] obtalmia oculorum
[illegible] [illegible] quia [illegible] abiat et
[illegible] ut [illegible] [illegible] [illegible] [illegible]
dicit [illegible]. Columba [illegible] uaria sim
[illegible] forma, nam [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] pulchritudine [illegible] [illegible]
autem columbe [illegible] [illegible] raro [illegible]
nisi [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] pulchritudine [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] super [illegible] [illegible]
[illegible] ad [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] sagitta [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
raro columba [illegible] est ad [illegible]
[illegible] [illegible] [illegible] [illegible]
raro [illegible] [illegible] uolare [illegible]
[illegible] [illegible] [illegible] et laboribus [illegible]
[illegible] [illegible] [illegible] [illegible] raro
[illegible] et [illegible] ad [illegible]

[illegible] Cesto autem fit [illegible] [illegible] [illegible] [illegible]
est ad [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] columba
domestica que ad [illegible] [illegible] est
instructa, nam siluestribus [illegible] [illegible]
ad [illegible] capiendas [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
aucupibus et [illegible] se [illegible] sub
[illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible]
[illegible] sic [illegible] ad [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] in [illegible] [illegible] in [illegible]
ut dicit Ambrosius [illegible] columba
[illegible] [illegible] [illegible] et prouintur ad
prouintias [illegible] [illegible], nam [illegible]
[illegible] mansionis [illegible] [illegible] est [illegible], et
[illegible] [illegible] ad longinquas partes [illegible]
[illegible] ad [illegible] [illegible] [illegible] [illegible].
Tali autem columbe solet ligare litteras
sub ascella que dimissa se eleuat in aera
[illegible] [illegible] [illegible] [illegible] redeat ad sue na
tiuitatis [illegible] [illegible]. Sed [illegible] in uia [illegible]
[illegible] ab hostibus sagitta [illegible] et pro
[illegible] quas deferre [illegible] uel [illegible]
uel [illegible]. Et sic non sine periculo
est [illegible] [illegible] quia frequenter littera sic
portata est causa uel occasio sue mortis.

De coturnicibus

Coturnices sunt quedam auicule a
sono uocis dicte sic, quas greci
ortigias uocant, eo quod fuerunt in ortigia in
sula primo uise ut dicit Ysydorus. Hec autem
[illegible] [illegible] aduenienti tempore [illegible]
[illegible] [illegible] accipitrem timent et [illegible] acci
pitrem uident tamdiu [illegible] terra [illegible] [illegible]
hec autem ortigo [illegible] [illegible] [illegible]
hec autem [illegible] sicut et [illegible] et [illegible]
quia [illegible] accipitrem [illegible] est eis solicitant
[illegible] [illegible] [illegible] [illegible] [illegible]
ne ab accipitre rapiantur. Hec sola auis
morbum caducum patitur sicut homo et [illegible]
[illegible] mare transiens [illegible] lassatur in aqua

defendit et una alia [illegible] vellus sibi
facit cibos gratissimos sicut semina
venenosa. propter quas causas veteres cas
[illegible] [illegible] [illegible] [illegible] est
est [illegible] et si ab animali alio sumatur
in multa [illegible] probabilis est. Nam
in [illegible] sicut [illegible] per quas defen
[illegible] in [illegible] [illegible] refrigidatur
et mortificatur. Ciconias autem [illegible]
sicut [illegible] [illegible] et ideo [illegible] vene
nosus [illegible] huius libri [illegible] in [illegible]
[illegible] et ibi digeritur et [illegible]
[illegible] [illegible] [illegible] autem [illegible]
sermone [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] super terram. [illegible]
autem suam diligunt [illegible] [illegible]. Et ideo
[illegible] [illegible] [illegible] [illegible] dicit
Ambrosius.

De ciconia

Ciconia vel ibis est avis fluvialis
aque se ipsam purgat rostro suo
[illegible] [illegible] multitudinem [illegible]
se gravata aqua marina [illegible] rostro
[illegible] qua per [illegible] ad inferiora [illegible]
dit. [illegible] [illegible] [illegible] [illegible]
tiam, et [illegible] [illegible] superflua
[illegible] et expellit. [illegible] avis [illegible] omnibus
[illegible] [illegible] gratissima [illegible] [illegible]
pullos suos ut dicit Ysidorus. Et dicitur
Ciconia [illegible] [illegible] [illegible]
rostro [illegible] [illegible] [illegible] facit ut dicit
[illegible] [illegible] est [illegible] et in suo adventu
[illegible] [illegible] novitatem [illegible] est
[illegible] rostro [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] humanam
societatem et frequentiam diligit. et ideo
nidificare super domos ab hominibus inha
bitatas consuevit. Et nidum suum [illegible]
[illegible] fuit [illegible] et facili non dimittit
sed in suo [illegible] [illegible] [illegible] terra
replet nidum suum et [illegible] [illegible] virgulas
nidi et spinas [illegible] ut aliquis

[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
et ab aliis [illegible] [illegible] [illegible]
protegit et defendit. [illegible] [illegible]
masculus [illegible] [illegible] [illegible] alia [illegible]
[illegible] [illegible] quo ad [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] aliquo [illegible] ad [illegible] [illegible]
[illegible] [illegible] [illegible] non [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]. Alias [illegible] in [illegible] masculus
[illegible] non [illegible] et [illegible] [illegible]
masculus [illegible] [illegible] [illegible] pullos
suos miro affectu diligit et [illegible]
et ex assiduo [illegible] super eos plumas [illegible]

Cum in [illegible] est in pastibus mater in nido
residet et [illegible] [illegible] masculus
[illegible] [illegible] [illegible] et masculus
nidum [illegible] ut dicit Ambrosius. C[illegible]
[illegible] maria [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] simul [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] contra aves [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] in exameron
[illegible] [illegible] [illegible] [illegible] ranas
[illegible] [illegible] [illegible] [illegible] nam
non [illegible] [illegible] [illegible] est [illegible]
[illegible] et [illegible] [illegible] hominibus et [illegible]
animalibus est [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] pulli sui [illegible]
[illegible] pascunt [illegible] [illegible] illis [illegible]
[illegible] et [illegible]. Et ideo [illegible] [illegible]
[illegible] in [illegible] [illegible] tantum [illegible]
a suis pullis [illegible] [illegible] [illegible]
ut dicit Ambrosius. Cum pulli primo nascuntur
[illegible] [illegible] rostra [illegible] admodum
[illegible] [illegible] [illegible] sed [illegible] paula
tim [illegible] [illegible] tanto plus [illegible]
[illegible] quanto quotidie plus [illegible]
[illegible].

De cornice annosa aui

C[illegible] [illegible] que ap latinos [illegible] [illegible] et qua aut [illegible] [illegible] hominu[m] [illegible] [illegible] insidiarum uias [illegible] monstrare futura pdicere. Et magnu[m] [illegible] est [illegible] q[uod] deus consilia sua [illegible] [illegible] [illegible] ut dicit ysidorus. Hys [illegible] [illegible] [illegible] fabulat et et plu [illegible] [illegible] [illegible] [illegible]. Nunc [illegible] [illegible] uocat [illegible] [illegible]. Est [illegible] auis garrula et ipa [illegible] [illegible] et [illegible] et dicit idem [illegible] paser et [illegible] [illegible] [illegible] [illegible] [illegible] in pluma albescat [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] plus nigrescit [illegible] [illegible] [illegible] [illegible]. Contra [illegible] et accipitre[m] afugat ut dicit ysidorus. Est [illegible] auis iproba aquile et alys pot auibus iportuna. Na[m] aqla qua[m] tangit formidat [illegible] et uolare [illegible] et [illegible] sua iprobitate [illegible] [illegible] [illegible] poterat se post longa agle [illegible] [illegible] [illegible] rostro [illegible] aut [illegible] qu[illegible] [illegible] [illegible] appropinquat. ¶ De cornice aut [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Et contra alias aues ipos [illegible] [illegible] [illegible] propter [illegible] [illegible] bella suscipiunt [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] no[n] [illegible] [illegible] in locis [illegible] [illegible]. Et [illegible] [illegible] [illegible] [illegible] manifesta [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

¶ Item [illegible] dicit q[uod] [illegible] est [illegible] [illegible] clementia. Nam cu[m] parentes p[er] longa[m] [illegible] plumarum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] propriys [illegible] et [illegible] [illegible] pascunt. Cu[m] etia[m] parentes [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et ad uolandum [illegible] [illegible] ut in [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] et [illegible]

De corvo

Corvus hic corax a sono gutturis nominatur ut dicit ysidorus. Coruus pullorum suorum ora [illegible] respicit [illegible] [illegible] cibum no[n] ministrat nisi [illegible] [illegible] nigredine [illegible] [illegible] [illegible] [illegible] [illegible] nigrescere [illegible] [illegible] [illegible] [illegible] ut dicit idem ysidorus. Dicitur aut pulli coruorum [illegible] [illegible] [illegible] [illegible] no[n] sunt nigras plumas. Non [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] rorib[us] celestis [illegible] [illegible] substentantur ut dicit Augustinus. Petit aut coruus in cadaueribus mortuorum loca [illegible] ut dicit ysidorus. Et est auis clamosa et diuersas format uoces. Solus [illegible] aues lxiiij [illegible] uocis mutationes ut dicit Fulgentius. Est aut auis dolosa [illegible] furtiue [illegible] et reponens in locis abditis et absconditis. Est etia[m] inmunda auis cadaueribus insidens et [illegible] [illegible] [illegible] inmundis cibu[m] querens. ¶ Est aut [illegible] augures quada[m] [illegible] presagys et diuinationibus [illegible]. Et ideo ap gentiles coruus [illegible] [illegible] fuit apollini deo consecratus ut dicit Marcian[us]. ¶ De coruo aut dicit Ar[istoteles] [illegible] [illegible] q[uod] femina coruorum cubat sup oua sola et masculus defferens eis cibu[m] et qn [illegible] plures pullos et cubat diebus xx. et eicit aliquos pp multitudine[m] [illegible] aues q[ue] multos pullos habent eiciunt aliquos a se. ¶ Item [illegible] dicit coruus niger pugnat cum asino et thauro et uolat sup ipos et nocet eis percutiens cu[m] rostro et pungit oculos ipo[rum]. Item coruus niger est amicus uulpis et pp hoc pugnat cu[m] [illegible] et alys bestiolis ut defendat uulpem. Item idem coruus pugnat ad [illegible] [illegible] pugna forti et [illegible] se ad [illegible] [illegible] armis [illegible] cu[m] rostris unguibus et alis suis et uictus obedit uictori [illegible] forti [illegible] Ar[istoteles]. Item solus

cornicem in indys extimis [illegible] tota
[illegible] aliarum avium ovat et pullificat
tempus suos. Unde petronius Corvus ma-
turis frugibus ovat [illegible]

De cygno

Cignus latine olor dicitur quia to-
tus sit albus in plumis suis
nullus enim invenitur cignus niger. Olor
autem grece totum dicitur latine ut dicit ysydorus
// Cignus autem a canendo est dictus eo quod car-
minis dulcedine modulatis vocibus fun-
dit. Ideo autem canit dulciter quia collum longum
et inflexum habet et necesse est eluctantem
vocem per longum et flexuosum varias
reddere modulationes. Fertur autem in yper-
boreis partibus precinentibus citharedis cygnos
advolare et modis aptis [illegible] concinere
ut dicit ysydorus. Cum autem [illegible] et [illegible]
nautis bonum presagium et [illegible] presagium
quia cignus [illegible] in navigijs obviat [illegible]
ait Emilius // Cignus in auspiciis
semper letissimus est. Hunc optant nautae
quia non se mergit in undis. Et ideo deo Apo-
lini fuit consecratus ut dicit ysydorus [illegible]
In alis eius maxima est fortitudo // Ci-
gnus cum est in amore querit feminam et eam
per complexionem colli blanditur et quasi eam
attrahit ad se et iungit collum suum collo
femine colligando. Post coitum autem femina
[illegible] et fugat ipsum. Balneat
autem se masculus post coitum et femina
antequam sumat cibum // Instante autem mor-
te penna infixa cerebro canit et contra ali-
orum animalium consuetudinem pro gemitu
cantum reddit ut dicit ambrosius. Plumam
habet candidissimam omni nigredine vel
colore alio impermixtam. Carnem non habet [illegible]
et ad digerendum duram [illegible]
[illegible] ab olfactu et gustu de-
stinguendum. Habet extensiones [illegible] nigrum
et intus [illegible] cum quo collo in fundo

mersso cibum [illegible]
piscibus [illegible]
panis vel esca sibi [illegible]
ipsum insurgentibus [illegible]
et radicibus nutritur [illegible] pedes habet
latos et clausos natationi habiles
quorum uno utitur pro remo [illegible]
pro gubernaculo se corrigens [illegible]
habitat circa aquas [illegible]
pauca ligna simul [illegible] ova [illegible]
cubat et pullificat. Pullos [illegible]
[illegible] et educit et eos rostro [illegible]
protegit et defendit. Et si quis [illegible]
appropinquaverit vel pullos [illegible] appropinquaverit
se opponit et [illegible] non cessat [illegible]
est magna carnositas et ponderositas.
Et ideo [illegible] diligit et raro volat.
Volant autem cigni silvestres volatu forti
collis extensis et pedibus [illegible]
[illegible] non sunt tam magni [illegible] nec tam
magne pinguedinis sicut sunt domestici
qui [illegible] holus [illegible] et nutriuntur
[illegible]

De culice sive musca

Culex est musca modica ab aculeo
dicta eo quod sanguinem suggit. Habet
enim in ore fistulam ad modum stimuli
qua carnem terebrat ut sanguinem bibat
ut dicit ysydorus. Reputatur autem et vola-
tilis sicut et apes [illegible] corpus habeat [illegible]
plures pedes [illegible] alas habeat quibus
volat // Generatur autem ex vaporibus put-
ridis et cadaveribus ac corruptis locis palu-
stribus [illegible]
corruptione in aere [illegible]
[illegible] super [illegible]
[illegible] equis et [illegible]
strepitu et morsu dormientes infestat et
a requie eos [illegible] // De nocte maxime
[illegible] et [illegible] quibus insidit [illegible]
[illegible] atque mordet. [illegible]

[illegible] ubi [illegible] in media
[illegible] ob aviditatem [illegible]
[illegible] sicut solet hirundinibus pa-
[illegible] fame vellet. Culices enim iacen-
[illegible] ab hirundinibus que devorantur
[illegible] ut [illegible] gratissima [illegible]

¶ Est autem culex significans id est musca [illegible]
[illegible] et [illegible] molestus. Cinomia
[illegible] musca dicitur latine. unde et
cinomia dicitur musca canina. Et grecus
[illegible] ex ea conceptione pressa est ut dicit
[illegible]. Est autem cinomia pessimum genus
[illegible] magni corporis et lati ventris
[illegible] muscarum aliarum et parum volans sed magne
[illegible] et adherentie in membris ani-
malium in quibus insidet. In vilibus enim
[illegible] pellibus [illegible] et maxime canum se
immergit et ibi se occultans sugit sanguinem
et bibit in tantum quod [illegible] ulcerat atque
corrodit ut patet in [illegible] canum auribus
quas corrodit et ulcerat talis musca. Ra-
ro est [illegible] talis musca sed multum fetida
quia ex ea fetidis et corruptis humoribus ge-
neratur.

De cicada

Cicada a cantando est dicta eo quod ex-
quo tempore suo mira formant can-
tilena. Ut dicitur in exameron: hec in medio
estu qua arbusta [illegible] caloribus
[illegible] tanto cantu resonant [illegible]
[illegible] spiritum aerem [illegible] spiritus [illegible] pu-
riorem. Unde [illegible] quod cicadas [illegible] deo
[illegible] quod obstruct[illegible] poris spira-
men aeris [illegible] non [illegible]
[illegible] suspendat [illegible]
[illegible] quod [illegible] qui
ex [illegible] obstruebant ut dicit
Ambrosius.

De fenice

Fenix avis Arabie est avis in toto
orbe terrarum singularis unde et
[illegible] mirantur. Unde apud arabes ubi nascitur
fenix id est singularis nominatur ut dicit ysidorus.
De hac autem dicit philosophus quod fenix est avis
sine pari vivens [illegible] vel quingentis annis.
Quibus completis cum suum senserit defectum indu-
facit reliquiis aromatum [illegible] multum [illegible]
[illegible] ex fervore solis [illegible] favonio
accenduntur, quibus iam accensis fenix [illegible]
sponte moriendo et [illegible] inter ligna [illegible]
incinerat. Ex quo cinere infra triduum
quidam vermiculus nascitur qui paulatim plu-
mas incipiens in volucrem reformatur.
Sicut dicit Ambrosius in exameron sic et
fenicis humore suo [illegible] vermis surgit
paulatim qui adolescit et processu temporis allarum
[illegible] induit remigia, atque in avis speciem
reparatur. Est autem avis tam pulcherrima
[illegible] in plumis subtilima solitudinem
diligens [illegible] et [illegible] mundo vitam
[illegible] de qua narrat Almasor quod cum
Onias summus pontifex in Eliopoli ci-
vitate egipti templum ad similitudinem templi
Ierosolimorum edificasset primo die azimo-
rum ligna multa aromatica super altare
congessisset, et ignem ad offerendum sacrificium
succendisset subito omnibus videntibus descendit
in medium rogum talis avis que in ignem
sacrificii statim est redacta. Remansit
autem cinere et cum diligentia de precepto sa-
cerdotis reservato infra triduum quidam ver-
miculus de predicto cinere est creatus, qui tandem
recepta forma avis ad solitudinem
evolavit.

De grue

Grus de propria voce nomen suscepit
tali enim voce sonat ut dicit ysidorus.
Est autem avis magnarum allarum et fortis
volatus avis alta petens ut videat ad
quas velit petere regiones. Ut dicitur in exa-
meron. Est autem avis diligens sua specie
et in societate vivens [illegible] in ordine

de cicada

de fenice

de grue

litterato volans ut dicit Ambrosius. Motu
autem agminis quasi castigando et arguendo
voce ad ordinem volantes agmen regit. Et si
forte raucescat succedit alia que suppleat
officium. ¶ Grues autem non proxima ut gr-
eges, et tunc statuitur ad custodiam sui vi-
gilias ordinant et alie secretius conquie-
scunt. Vigiles autem super unum pedem stant
[illegible] et lapillum tenent in pede altero
alto a terra suspenso vel elevato, ut si
casu aliquo dormitaverit per lapsum lapil-
li excitetur ut dicit Ambrosius. ¶ Fiunt autem
grues in senio nigre [illegible] colore [illegible]
senectute quo diutius vivunt tanto plus
nigrescunt. Et si qua illarum a societate ab-
erraverit vociferans per diversas alias societates
advocat et requirit. Grues etiam quando
superveniunt eis herodium et accipitrem
percipiunt rostra sua supinus erigunt
et prout possunt cum rostra [illegible]
se defendunt.

gallo

De gallo

Gallus a castratione est vocatus. Inter
ceteras enim aves huic soli testiculi
adimuntur. Veteres enim abscissos gallos
vocaverunt ut dicit Ysydorus. De gallo
dicit Plinius libro 29o capitulo 4o. Carnes gallo-
rum calide et valent posite super morsum serpen-
tium venenum. Et ad idem valet eius
cerebrum in potu sumptum. Et quis est
pinguedine vel [illegible] perunctus fuit
a pantheris et leonibus tutus erit. Et auro
liquescenti ossa gallorum vel gallinarum
inmiscentur consumunt [illegible]. Unde et [illegible] ga-
linatium aurum venenum est. Et hoc est [illegible]
¶ Gallus itaque est calidus et sicce complexionis
et ideo multum habet audacie et animositatis
propter quod contra adversarios suis calca-
ribus audacter impugnat et rostro et
calcaribus adversarium impetit et lacerat
obtenta victoria statim cantat. Antequam autem

cantet alis se [illegible] se ipsum feriendo
ad cantandum se reddit aptiorem. In certis
[illegible] horis noctis [illegible]
clariorem. Et circa [illegible]
voce format [illegible] ut dicit [illegible]
¶ [illegible] gallinis [illegible]
qua amissa perdit audaciam [illegible]
cum adversario [illegible]
et diligit uxores suas et [illegible]
quadam ipsas [illegible] sibi [illegible]
pascat, pinguiorem et formosiorem [illegible]
diligit super ceteras [illegible]
et ipsius [illegible]
Ut mane cum ad pastum evolaverit [illegible]
latera illius primo applicat se [illegible]
nutus ipsam ad suum [illegible]
Et pro ipsa tanquam zelotipus specialiter pugnat
et appropinquantes gallos rostro et [illegible]
[illegible] fugat. Rostrum in pugnando [illegible]
et plumas circa collum erigit ut se au-
daciorem [illegible] et pennas caude in [illegible]
post sursum ad dorsum elevat ut se amplius
[illegible] plus se [illegible] capitur [illegible]
[illegible] alectorium [illegible] [illegible]
[illegible] lapides ut dicit [illegible]
[illegible] maxime si fuerit albus
Album enim gallum leo formidat ut dicit Plinius.
Rostro et pedibus [illegible] paleam et pul-
verem [illegible] et [illegible] inventum granum
gallinas vociferat et eis vocat. Timet
autem gallus aquilam et accipitrem [illegible]
[illegible] de talibus [illegible] aves volucribus in terra
deambulantibus insidiantur. Et ideo gallus [illegible]
valde sit [illegible]
[illegible]
in aera [illegible] et adventum aquile
vel accipitris [illegible]
a remotis videtur statim ad gallinas voci-
ferat et fugiens in domibus [illegible] aut [illegible]
[illegible] se occultat ut dicit [illegible]
[illegible] gallus [illegible] in ultima senectute et

fecit adam [illegible] rotunda et [illegible] quibus [illegible] bibliis [illegible] basilicus [illegible] De gallo dicit constantinus: Galli iuvenes [illegible] ad digestionem [illegible] galline. Et raro [illegible] ventositas [illegible] vetus gallus [illegible] semine [illegible] ortensis et polipo dio impleatur et in quinque libris aque coquatur donec aqua [illegible] consumatur, fit [illegible] passionum viscosos et flatiros purgat humores et malencolia patientibus [illegible] grossam ventositatem [illegible] dolorem mitigat [illegible] et dolorem articularum curat. Valet [illegible] febris [illegible] dicit idem.

De capone

Gallus gallinaceus est gallus propter abscisionem testiculorum effeminatus [illegible] aliorum [illegible] castratorum totus in complexionem mutatur. Castratus enim prius audatia deponit vocem vel cantum [illegible] horas noctis non distinguit. Gallus non est [illegible] ad pugnam se attingit. Super ova aliena cubat et se ut gallina [illegible] feminae assumens pullos alienos nutrit et reducit [illegible] et galline simulat et [illegible] pullos vocat. Gallinis se associat [illegible] Est enim avis animi timidioris quam gallus et carnis humidioris et [illegible] et pinguedinis maioris et plumae laxioris. Cuius pedes [illegible] ut cubare super ova [illegible] cuius [illegible] vel [illegible] cuius pedes colligantur propter pinguedinem et [illegible] capitis ad [illegible] ad [illegible]

tertiis pedibus apponitur. De gallo tamen castrato dicit constantinus: Carnes pinguium gallorum castratorum, volantium carnibus et convenientibus laudabiliores sunt, generant nutrimentum et sanguinem meliorem. Cerebella eorum ceteris aliarum avium sunt meliora.

De galina

Gallina a gallo est dicta, sicut a leone leena dicta est. Cuius membra [illegible] quidam [illegible] si in auro ligaverint [illegible] ut dicit ysydorus. Est enim avis multum ovativa et pullificativa, et multo ovat sine coitu ut dicit Ar[istoteles] libro [illegible] Et dicit ova [illegible] sunt aliorum ovis [illegible] et illaudabiliora et quedam gallinae semper faciunt gemellos, et [illegible] gemellorum est primus et [illegible] monstruosus. Postquam autem cubant super ova sua per tres dies statim apparent signa pulli et [illegible] hoc in maioribus post dies plures et in minoribus post pauciores. Et generatur pullus ex albumine et nutritur ex vitello ut dicit idem. Gallina que minus ovat longioris vite [illegible] non sunt [illegible] cito moriuntur ut dicit libro [illegible] Alias [illegible] gallinae proprietatibus omnibus fere notabitur glossa super [illegible] 19o ubi dicitur: Gallina est avis pia circa pullos, nam pullos sub alas fovet et contra milvum tuetur, et dolore filiorum egrotat et plumam deponit, et plus pullos quam se satiat et pascit, et ipsos in unum cibo congregat atque vocat, pro pullorum defensione fortiora se opponit et etiam homini impugnat, pullos dispersos congregat et advocat, et ne a nisso vel milvo rapiantur eos sub alarum [illegible] protegit et defensat. Plumarum hyspiditate et vocis raucedine affectum circa pullos manifestat.

De gruibus

Grues inter volatilia [illegible] 19o.

Et dicit ibi glo. q[uod] gryffo est q[uasi] duplex
rapti et alius aquile similis et reliquo
corpore similis leoni. Et habitat in yperbo-
reis montibus, equis et hominibus maxime
est infestus. In nido suo ponit jaspidem
et smaragdum contra venenosa anima-
lia montis.

De herodio

Herodius est avis regia satis auda[x]
et constanter manui assueta. Est autem
avis animosa et maioris [illegible] parum
quiete carnis [illegible] sui corporis et multe
plumositatis. Et ideo levissime evolat
quia parum est in eo quod aggravat [illegible]
ut dicit [illegible]. Et ideo [illegible] est [illegible]
in audacia et virtute quibus [illegible] similiter
sit in pena et in dolore. ¶ Herodius autem
magne est audacitatis, acutissimi [illegible]
et fortis unguis, et plus ledit predam
super ipsam veniendo pectore quam rostro seu
ungue. Tanta est audacitas quod si in primo
vel secundo impetu predam non arripit [illegible]
[illegible] et se [illegible] si [illegible]
est [illegible] die [illegible] predam [illegible]
domini quod [illegible] per aera [illegible]
ad manum [illegible] et [illegible]
dit [illegible] et quasi [illegible]
[illegible] et [illegible] quam [illegible] non
triumphat, ut dicit glossa. Hec avis [illegible]
[illegible] super [illegible] fulica [illegible]
[illegible] super [illegible] Avis que [illegible]
volucres [illegible] et [illegible] circa
pullos sicut dicit in [illegible] ¶ [illegible]
[illegible] singularis officio quo propositus [illegible]
[illegible] pari [illegible] pullum ab aquila
abiectum [illegible] non [illegible] pascit atque nu-
trit. Cadaver fugit, [illegible]
[illegible] putridas carnes tangit [illegible]
laboris patitur abstinentiam [illegible]
sibi [illegible] inveniat qua [illegible]
ut dicit [illegible]

De hirundine

Hirundo [illegible]
dicta [illegible] avis [illegible]
[illegible] in aere [illegible]
Est autem avis [illegible]
[illegible] et [illegible]
[illegible] pullos [illegible]
dicit [illegible] In nidis quoque [illegible]
[illegible] sollertie est [illegible] ad hoc facie[n]-
[illegible] humana industria [illegible]
[illegible] facit hirundo solo rostro et [illegible]
¶ Hirundo itaque est avis multum [illegible]
[illegible] et velocissimi volatus [illegible]
avibus non [illegible] unquam [illegible]
¶ [illegible] transvolat ad regiones [illegible]
[illegible] quibus [illegible] per yemem [illegible]
[illegible] adventus [illegible]
[illegible] adventus [illegible] est et [illegible]
[illegible] instanti [illegible]
[illegible] dicit Ambrosius ¶ [illegible] hirundine
[illegible] Avis [illegible] non [illegible]
[illegible] hirundine
[illegible] ova [illegible]
[illegible] ova [illegible]
[illegible] pullos ¶ Item ibidem dicit
[illegible] carnes non [illegible]
[illegible] hirundine [illegible] pullos [illegible]
¶ Item ibidem si quis [illegible] pullos hirun-
dinis [illegible] oculos [illegible]
que dicitur celidonia [illegible] oculos
[illegible] oculi sanitati [illegible]
[illegible] ut dicit [illegible] in [illegible] hirun-
dinis inveniuntur duo lapilli quorum unus
est albus et dicitur [illegible] alter [illegible] est
rubeus et dicitur [illegible]
est [illegible] albus. [illegible] lapilli sunt [illegible]
maxime et dicuntur celidonii. Et [illegible]
de pullo antequam tangat terram ut dicitur
in lapidario ubi eorum virtutes describuntur.

[illegible] ... vt docet ... [illegible] ... sanguis robibit ... [illegible] ... calidus et ... [illegible] ... pullos ... [illegible] ... [illegible]

[illegible] ... morzus eius quia ... est venenosus ut dicit plinius ... pastores nidos eius ... ac bubulcis fugat ... nidis suis.

## De kaladrio.

Kaladrius sicut plinius est albi coloris nulla habens partem nigredinis ... cuius interior femoris ... oculorum ... Cuius natura est talis ... cum infirmitate ... ad mortem ... kaladrius autem faciem suam a se avertit et tunc sine dubio morietur ... Si autem debet infirmus convalescere kaladrius ... fixit in eum et suscipit in se omnes quasi ... applaudens ... Dicitur autem kaladrius ab aucula ... kalendria quae est avis sonora est et ... sicut merula sicut dicit ysidorus ... glosula super ... 17° ... differt kaladrius a kalandria.

## De laro

Larus est avis ... ... aurora ... Larus est ... et ... Nec natat ut piscis nec volat ... avis

## De locusta

Locusta dicta est ... quod ... longa sit ut hasta et ... ad usum. Locuste regem non habent et tamen ordinate progrediuntur per turmas suas et ... xxx° ... Nam maiores ... minores ... et ... In ... apparet in hyeme ... longior ... posteriora quam anteriora, et sicut dicit glo. super ... post ... brucus ... locusta ... quadrupedia ... et ... cauda ... arborum et herbarum radices ... et ... a vento australi ... et ... In vento ... locusta ... et in ... a floribus ... impinguantur locuste. Locusta ... pro maiori parte consistit ... et ... stabiles ... quod et ... semper ... diu vivit semper ... et si quid ... non desistit ... quasi ... et ... solis ... et ... nascitur.

## De mergallo

Mergullus ab assiduitate mergendi nomen sumpsit. Sepe enim demisso in profundum capite aurarum signa sub fluctibus colligit. Et ante imminentis commotionis tempestatem cum clamore petit litus. Nam in pellago gravissima futura esse tempestas ... est cum merguli fugiunt ad litus cum clamore ut dicit ysidorus. Mergulus in arundinetum sua ligna parva ... et miro quodam affectu ne pulliculos mittit et ... qui mox nati matrem ... bachas pellagi undas ... non ... ad ... aquatiles et pisciculos ... In hyeme ... pauperitate ... impinguatur ... in estate ... pro volatus libertate carnibus

[illegible] qui ab [illegible]
pervenit ad aquam [illegible] sabu[illegible]
[illegible] lib[er] [illegible]

De [illegible]

M[illegible] est volans et [illegible]
[illegible] volans
et dicitur [illegible] pena et [illegible] mobilis fert
sup[er] [illegible] tantum in volatu circum
[illegible]. Est autem avis [illegible]
et [illegible] in scapulis suis suscipit et
[illegible] per longa itineris spatia fatigati [illegible]
[illegible] a [illegible] dicit
ysydorus. Est autem avis [illegible] et [illegible]
in minimis [illegible] in magnis
Nam aves silvestres [illegible]
domesticis insidiari non timet [illegible]
[illegible] insidiat et [illegible] capiat et [illegible]
[illegible] capit statim [illegible]
et [illegible] pascit [illegible] pro modico [illegible]
pastu [illegible] [illegible] a niso [illegible]
et minore se [illegible] pusillanimitate
[illegible] aquilone [illegible]
[illegible] ab avibus [illegible] non [illegible]
[illegible] diutius vivit tanto [illegible]
[illegible] plus [illegible] [illegible]
est [illegible] quod in [illegible]
[illegible] [illegible]
[illegible] et [illegible]
et ultimo fame perit ut dicit [illegible]. Est
autem avis impia [illegible] pullos suos [illegible]
vultures et ut marte [illegible] rostro [illegible]
[illegible] et subtrahit [illegible]
[illegible] fame [illegible] qui [illegible]
[illegible] rebus [illegible]

De nicticorace

N[ic]ticorax est [illegible] dictus
eo quod noctem amat, quia de nocte vo
lans cibum querit et quando clamat [illegible]
clamor est volucribus odiosus [illegible] ysy[dorus].
Est autem avis lucifuga et solem videre non pot[est]
sepulchra et mortuorum loca inhabitat
in parietibus et locis ruinosis nidificat

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

De onocrotalo

O[nocrotalus] est [illegible]
[illegible] in [illegible]
[illegible] in quibus [illegible]
[illegible] in [illegible]
[illegible]
in alio [illegible]
[illegible]
ysydorus. Onocrotalus [illegible]
[illegible] rostro longo et [illegible]
[illegible]
[illegible] in aquis [illegible]
[illegible] in aqua [illegible]
[illegible] insidiatur [illegible]
[illegible]
[illegible]
[illegible]
[illegible] in litore [illegible]
[illegible]
[illegible]
[illegible]
ut dicit ysydorus

De pellicano

P[ellicanus] est avis que in [illegible]
[illegible] non [illegible]
[illegible] et est avis [illegible] solitudine
[illegible]
[illegible]
[illegible] avis [illegible]
et [illegible] in [illegible]
[illegible] solitudinem diligit [illegible]
[illegible]
[illegible] pellicanus [illegible] in aqua [illegible]
[illegible] et [illegible] manu [illegible]
[illegible] Solus [illegible] pellicanus
[illegible] avis [illegible]
De pellicano quoque dicit glo[sa] [illegible]

[illegible] Pelicanus inquit [illegible] cum filios suos [illegible] percutit [illegible] ad effusionem [illegible] et calidum sanguinem super [illegible] effundit. Et dicunt [illegible] pullus prius mortuus reviviscit [illegible] sicut [illegible] Pelicanus dicitur [illegible] pullos [illegible] lingua et tunc sanguinem [illegible] sic illos vivificare [illegible] autem [illegible] pullorum pelicani [illegible] et [illegible] in libro de mirabilibus orientalium regionum

¶ Est et aliud genus avis pelicanus vocata que est avis [illegible] mater [illegible] interficiuntur [illegible] ad plenum [illegible] Hanc autem habet [illegible] spinas [illegible] quod spinis [illegible] pullos suos [illegible] super quos [illegible] sanguinem [illegible] super eos [illegible] eos a morte [illegible] sanguinem [illegible] effusio debilitat matrem. Unde et pulli cogunt exire pro cibo [illegible] matris [illegible] debilitatam pascunt. Quidam non [illegible] matrem [illegible] gravem [illegible] diligentius [illegible] matre [illegible] filios [illegible] pascentes [illegible] et diligunt alios non tamquam [illegible] et [illegible] non permittit

De perdice

de perdice

Perdix a voce nomen habet ut dicit Ysydorus. Et est avis fraudulenta. Nam masculus in masculum consurgit et obliviscitur sexum libido praeceps, ut dicit Ysydorus. Adeo autem est fraudulenta ut aliena ova diripiens foveat, sed fraus fructum non habet. Quia cum pulli vocem audierint propriae genitricis, naturali quodam instinctu putativam matrem que eos fovebat derelinquunt et ad illam que eos genuit revertuntur, ut dicunt Ysydorus et Ambrosius. Non autem laborat in ovando et cubando sicut aliae aves, sicut dicit Ambrosius. [illegible] inquit nidos [illegible] sicut [illegible] et mater perdicis volat in circuitu [illegible] quousque fugiunt pulli sui. Et post fugiens pullorum fugit et ipsa mater et clamat pullis suis. Cum pulli mox nati sequuntur matrem suam et statim quaerunt cibum suum. ¶ Est autem perdix [illegible] et multae carnis, et ideo debilis est volatus; in volatu enim parum a terra se erigit, sed statim post paululum terram iterum petit. Nisum timet et fugit et quando ipsum videt in aere, a terra non recedit. Ad sonitum vero campanulae fugit circa terram antequam sit in retibus vel in laqueum se emittit. Plinius autem dicit libro 29° capitulo 9°: Fel perdicis cum aequo pondere mellis mixtum clarificat visum. Unde in pixide argentea debet conservari. Ova earum in vase vero terre valent cum mello ulceribus oculorum.

De pavone.

de pavone

Pavo a sono vocis nomen habet. Cuius caro est tam dura ut putredinem vix sentiat. Nec facile coquitur, ut dicit Ysydorus. Vivit autem pavo secundum Aristotelem xxv annis et pullificat in fine trium annorum. [illegible] colorantur [illegible] alarum. Cubat autem ova sua xxx diebus et modicum plus

dicit fructum testo et non pulchritudine
visu sicut in arnoe. Et ponit .v. ova
aut parum minus et raro plura. Studiose
tum sicut arbores emittunt folia sua et tempore
quo vestiuntur omnia per arbores in exprimendis
foliis etc. ut dicit Jacobus. Et est avis delectabilis
sibi suis per quas suis masculus frangat
ova femine investigat et frangat ea
ut sic luxurie sue magis vacet. Et
timens femina solet abscondere ova ab
eo valeat et facile juvenis [illegible] autem
pavo et ait [illegible] [illegible]
et deformes qui supervenerint et tamen talia
tum speciosum simplicem et amulatum
collum modicum et caudam pretiosam
pluma cauda oculata mira pulchritudine
diversa distincta et ornata; pedes vero habet
deformes et rugosos. Pennas suas admi-
rans pulchritudinem erigit eas et ad
modum rote sive circuli per girum caput
circumponit. Videns autem deformitatem
suorum pedum quasi erubescit et velut
non attendens perditam pennarum pulchritu-
dinem eas subito deponit ac submittit. Vocem
habet terribilem ut ait quidam vocem habet demo-
nis caput serpentis passum latronis. Plinius
libro 29° capitulo 3° dicit quod pavo resorbet fimum
suum invidens hominum utilitati valet enim
est medicinale ut dicit Secretum secretorum.

## De passeribus

Passeres sunt minuta et alia volati-
lia a parvitate sic vocata. Est
autem passer avis instabilis et garrula
juxta hominum habitacula nidificans. Avis
siquidem est multum calida et libidinosa
unde raro vivit fertur in ultra. Siquidem est
libidinis provocativa ut dicit Constantinus. Multum
est vexationis et pulchritudinis et magna
sollicitudo in educandis et nutriendis filiis
suis in fetu et plumis nidificat et
in diversis [illegible] a [illegible] [illegible]

Et eos pullos [illegible]
[illegible] nos [illegible]
eos nutrit et pascit [illegible]
[illegible]
[illegible]
Et [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Quam [illegible] pullos [illegible]
aliquo [illegible] colligit [illegible]
nutrit. Et si [illegible]
modo alio [illegible]
[illegible]
[illegible]
[illegible]

## De strutione

Strutio ut dicit [illegible]
[illegible] habet sicut avis habet [illegible]
et pedes et rostrum sicut [illegible]
[illegible]
[illegible] ova sua fovere
[illegible] in arena [illegible]
[illegible] ut dicit Ysidorus. De strutione
autem dicit Jacobus [illegible] strutio sunt
in [illegible]
[illegible]
[illegible]
est [illegible] et [illegible]
avis [illegible] plumas [illegible]
corporis et [illegible] pedes duos [illegible]
et ungues [illegible]
[illegible]. Et [illegible]
[illegible] corporis [illegible]
[illegible] aut [illegible]
[illegible] et [illegible]. Et eos
[illegible] natura [illegible] in [illegible]
providentia [illegible] maxima et du-
[illegible] testa ut [illegible]
calor temperat [illegible]

[illegible] quasi [illegible] noctua. Alas autem
[illegible] pingit beatus Gregorius
[illegible] dicit prima stationis
[illegible] dicit sunt sed volat
[illegible] ad volatum alas erigit
[illegible] in altum sublevari se fu-
[illegible] induit et in magno
[illegible] strucio qui venit tempus ut
[illegible] ad stellas que dicuntur vergilie
[illegible] oculos levat. Non enim parit
[illegible] quousque illa constellatio oritur vel apparet.
[illegible] autem videt terram incalescere, cum stella
illa oritur, arenam fodit ubi ponat ova sua
que sabulo operit atque tegit. Cum autem
ea ibi relinquerit statim obliviscitur
ubi ea posuerit, neque ulterius postea ad
ea redit, sed celi tanta arena fervore
solis abscondita ova excoquit, et ex
illis pullos procreat et producit. Cum
autem fracta testa pullus educitur sine ut
per quo mater ipsum recolligat atque
nutriat et quem in ovo contempsit ipsum
suum de ovo cognoscit. Et ideo dicit ad
beatum Job: Induratur ad filios suos quasi
non sint sui. Item strucio naturaliter equum
odit et in tantum ei contrariatur quod equum
eius sine timore videre non posset, et si
ei occurrerit equus contra eum quasi
contra hostem alas erigit et alarum
concussione ipsum ad fugam cogit.

De turture

Turtur a voce vocatur avis simplex
est ut columba sed longe disparatur(?)
est pudica. Turtur avis casta ex moribus
appellatur eo quod coniugis sit castitate. Amisso
enim pari suo alterius copula non requirit
solitaria incedit nemoris solitates perdit(?)
semper gemit loca solitaria diligit et
eligit et hominum consortia odit fugit.
Ad [illegible] tamen [illegible] et agros descendit
ubi que cibum inde vivit. Obtento autem
cibo statim ad iuga montium et prata nemorum
petit. Consurgit vernali tempore advenit et
novitatis sustinens tempus gerula non perdit(?)
In hyeme vero deplumatur et in truncis arborum
concavis se abscondit. Contra estatem
vero et tempus veris resumptis plumis
de locis abdit ubi latuerat exiens loca
ad pullificandum construit. Frequentat
inter densos arborum ramos et lignis du-
ris et nodosis nidum construit in quo
ovat, cubat et pullificat, et nidos construit
et pullos nutrit ut dicit Aug. li.(?)
Turtur ovat bis in anno(?), sed non tercio nisi
quando prima ova corrupta fuerint. Et vivunt et
vivebant xv annis, et non super terram(?) sed cum
descendit usque super cadaver propter cibum, magis
tercio vero non desiderat, sed pro suo et pul-
lorum victu paucula modica grana querit
et in locis mundis recolligit. Cum turtur
aliis avibus vociferantibus ipsa gemit.
Sunt autem pulli eius calidi et humidi
sicut et columbini pulli ut dicit Const.
Quod attestatur eius gravitas ad volan-
dum. Volare incipientes attinent illam
gravitatem, fitque corpus raro levior et
acceptabilior ad digerendum, et sanguis
ale dextere eius est medicinalis sicut
sanguis hyrundinis vel columbe.

De vulture

Vultur a tardo volatu nuncupatur
ut dicit ysydorus, gravitate enim
carnis preprepedit volatus. Hunc hominum
quosdam dicunt concubitu non misceri
et sine copula concipere et sine coitu generare
atque gignere. Natosque eius dicunt vivere
C annis ut dicit ysydorus. Hec avis
propria crudelis filios suos est sicut mil-
vus, si enim videt filios suos impinguari
rostro et pedibus eos percutit, ut fi-
ant ex dolore morsuum macilenti ut

dicit philosophus. Dicit autem idem quod maxime vigent
sensus olfactus in hac ave. Unde et sentiunt
odorem cadaveris [illegible] sentiunt de una
parte montis ad aliam unum contra sequitur ut
homines et equorum cadaveribus satient. Et ideo
secundum augures quando conveniunt et simul
circumvolant multi vultures presagium est futu-
rae stragis quod aliquo sensu naturae occulto
presentiunt aliquod futurum. De vulture dicit
Aristoteles libro [illegible] Vultur inquit pugnat cum
herodio et super ipsum volat [illegible]
et comedit eum et ideo pugnat contra
alias volucres propter cibum. Venatur autem
meridie usque ad noctem et ab ortu solis
usque ad tempus illud in [illegible] quiescit.
Et quando senescit elongatur rostrum superius
et recurvatur in fine et moritur tandem
fame. Et dicit Aristoteles ibidem hoc [illegible]
quia secundum errorem antiquorum putatur [illegible] fuisse
homo et reat [illegible] quibusdam provinciis
sed hoc est superstitiosum dictum. Dicit etiam
idem quod quando aliquid superfluit de cibis suis
non relinquit illud aliis avibus sicut facit
aquila sed reponit in nido ad cibandum
pullos suos quia de facili non acquirit cibum.
Nidificat autem in altis montibus et in densis
nemoribus. Et si viderit aliquid volatile
circa pullos suos rostro percutit et fugat
illud. Et nutrit pullos suos quousque pos-
sunt volare. Et tunc eicit eos a nido. Et
vetat eos appropinquare illi loco nec permittit
unum par vulturum aliud cohabitare loco
suo. Item idem libro [illegible] Almachar
quaedam species avis fluvialis timet vultu-
rem et ideo fugit ad aquam cum revolat
vultur a nemoribus. Et cum sit acuti visus
inspicit quando avis illa exit aquam et tunc si
potest rapit eam. Est insuper vultur avis
multum fetida et immunda cuius caro est
durissima mali saporis et [illegible] odoris
et ideo ad esum est inutilis et facile pro-
[illegible] ad aucupe [illegible] petit sed tamen descendit
de [illegible] [illegible] ut dicit [illegible]
In alto volans cadaver in [illegible] conspicit

Et [illegible] cadaveris [illegible]
[illegible] [illegible] [illegible]
ab aliquo impedit [illegible]
[illegible] [illegible]
ab [illegible] in aere [illegible]
Plinius libro [illegible] [illegible] vulturem [illegible]
[illegible] serpentibus [illegible]
fugat serpentes odore suo. Cor et [illegible]
[illegible] [illegible] a serpentibus. Item cor [illegible]
in pelle lupi vel [illegible] fugat [illegible]
Item penna [illegible] pede sinistro [illegible]
[illegible] liberat [illegible] solus et [illegible]
[illegible] [illegible] [illegible]
[illegible] de oleo [illegible] ut [illegible]
vulturis et [illegible] sanat [illegible] et [illegible]
[illegible] Item pes [illegible] dextre alligatus pe-
di dolenti sinistro sanat cum [illegible] de
dextro sanat sinistrum. Lingua et [illegible]
[illegible] [illegible] et [illegible] in panno novo
suspensa dicit [illegible] gratiosum ad
[illegible] ab [illegible] quicquid petit. [illegible]
ossium [illegible] [illegible] mixtum cum [illegible]
[illegible] [illegible] sanat morbos. Item libro
[illegible] [illegible] sanguis vulturis cum herba [illegible]
[illegible] et [illegible] sanat lepra.

de ulula

## De ulula

Ulula est avis a planctu vel ululatu
nominata cuius vox [illegible] ululatum
[illegible] augures [illegible] [illegible] adver-
sitatem [illegible] prosperitatem ut dicit Ysydorus
Et secundum hoc idem videtur ulula esse quod bubo
[illegible] nocturna [illegible] augures [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] Ulula est avis [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] ulula [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] de [illegible]

de upupa

## De upupa

Upupa ut dicit Ysydorus a [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

cantibus galterra semper in sepulchris
commorans vel in ferro. Cuius sanguis
[illegible] dormitu [illegible]
[illegible] se suffocantes di-
[illegible] malefactoribus [illegible]
[illegible] malefitiis utuntur. Et hec
[illegible] vultibus in pectoribus
[illegible] ambos herbarum fur
[illegible] sub alis dorsi [illegible] plu-
[illegible] et sic [illegible] volat [illegible] et
[illegible] clare sicut [illegible] ut dicit ysidorus.

De vespertilione.

Vespertilio a vespere nomen assumpsit quia
cum lux fugiet circuvolat in crespu-
sculo [illegible] motu [illegible] et tenu-
issimis brachiis [illegible] membranulis suspensa.
Et est animal simile muri, [illegible] vocem [illegible]
[illegible] stridore [illegible] volans et [illegible]
[illegible] quod in aliis avibus [illegible] solet
[illegible] ut dicit ysidorus. Dicit autem
glo. super ysayam [illegible] quod vespertiliones
[illegible] cera [illegible] sicut [illegible]
[illegible] lingit oleum de lampadibus
[illegible] in cavernulis parietum se abscondit
frigidissime sunt nature [illegible]
super palpebras [illegible] pillos
ut dicit const. Et hec fortassis est quia
[illegible] sua oppillat poros quibus oppillatis
non crescunt pili.

Explicit liber duodecimus. Incipit liber decimustertius.

De

Descriptis proprietatibus ignis et aeris, restat ut de aquarum proprietatibus igitur ad hoc spectat opusculum aliqua [illegible] dicamus. Dicitur autem aqua quasi equa eo quod numquam quiescit a motu donec eius superficies adequetur ut dicit ysidorus li. xiii. Est

itaque aqua elementum secundum const. frigidum
et humidum. [illegible] subtile et [illegible]
termino non continetur, difflueret usque ad
nihilum, nisi alieno termino sisteretur. [illegible]
[illegible] proprietatem [illegible] describit basilius
in exameron dicens. Aqua [illegible]
omnia elementa [illegible]
[illegible] temperat, terram [illegible], aerem suis vapo-
ribus [illegible] scandit in sublime. Et
celum sibi vendicat. Aque [illegible] na-
scentium causa [illegible] arbores
et plantas producit [illegible] frigus [illegible]
[illegible] abluit et potu [illegible] animantibus tribu-
unt. Est [illegible] aqua [illegible], pe-
netrativa, repletiva caloris celestis [illegible]
[illegible] temperativa. [illegible]
[illegible] suis exalationibus temperat
omnia in [illegible] caloris [illegible].
Hec ab animalibus potata nutrimentum trans-
ducit in [illegible], hec piscibus dat
spiraculum sicut aer animantibus [illegible] vita, et
[illegible] hec sui diffusione per superiores
partes terre facit [illegible] unionem terra
[illegible] dissolveretur
[illegible] pars [illegible] parti humorositate aque [illegible]
[illegible]. Hec etiam transiens per superiores [illegible]
terre calores [illegible] que transit in colore et
sapore recipit [illegible]. Et ideo nunc
salsa nunc dulcis apparet, nunc clara
nunc turbida, nunc grossa nunc subtilis.
Caret [illegible] aqua determinata qualitate
in colore et sapore, ut sic [illegible] omnem saporem
et colorem facilius susceptiva. Et ideo quanto
aqua est purior in se, tanto apparet ob-
scurior [illegible] ad [illegible] colorandum [illegible] sola-
res radius non [illegible]. Hec movet a
fondo suo a centro ad [illegible]
[illegible] donec [illegible] eius superficies [illegible]
distantia a centro terre. Hec insuper lumen
a radiis receptum reflectit in [illegible] et re-
fundit. Et ideo quia superficiem habet specularem
per actionem reflexi luminis [illegible]
obiectarum ymagines in se representat
et [illegible] ad modum speculi manifestat.

hec etiam radios ipsius solaris penetra-
tos diffundit et in ampliorem latitudinem
extendit. Et ideo res in se visas facit
apparere maiores quam sint in se ipsis. Habet
aque proprietates generales et alias plures
in [illegible] potius sunt dicte

multiplex differentia aquarum

## De multiplici differentia aquarum

Aquarum autem multiplex est differentia
ut dicit Isidorus. Aut enim in aere
generantur sursum sicut est aqua pluvialis
et hec que celestis terre nascentibus maxime
est utilis. Aut de visceribus terre scatu-
rit et erumpit ut aqua fontana et pu-
theales. Aut terram perfluit et fluvialis.
Aut orbem terre lavatur circuit ut mare
oceanum et mediterraneum, quod enim aquarum
matrix est et origo generalis ut dicit Constantinus.

aqua pluvialis

## De aqua pluviali

Aqua igitur pluvialis per se lucida est
et clara subtilis levis et sapida. Cuius
claritas ostendit quod ei nichil aliud sit ad-
mixtum, levitas vero et sapiditas subtili-
tatem eius demonstrat. Item inter omnes autem
aquas melior est ad terre fecundationem
maxime que cadit cum tonitruo. Cuius
enim motu tonitrui discutitur vapor.
Unde fit quod aqua subtiliatur et depuratur, que
non nimis est admixta, vel per nimium re-
soluta peior est, et ieiunis non convenit,
stomacum enim provocat, constrictionem, tussim generat
et [illegible] stupefacit ut dicit Constantinus.

Ut aquarum autem differentias quo ad earum
qualitates, diversas et varias efficaciter
queras super libro [illegible] de potu aque. Ibi enim
invenies omnia plenius diffinita.

aqua fontana

## De aqua fontana

Post aquam pluvialem melior est fon-
tana, propter quod de petra viva et
fluit aut de monti alto scaturit et descen-
dit. Fons enim est origo et caput aquarum

que manant [illegible] effluit est [illegible]
[illegible]
[illegible]
occultum enim [illegible] terre [illegible]
profundis terre [illegible]

Est autem fons [illegible]
et sui [illegible] nulla [illegible]
ita [illegible]
sive [illegible] purgatur. Nam [illegible]
aqua que fluit a solida petra [illegible]
et sordium magis purgata [illegible]
[illegible]
Nam aqua [illegible]
[illegible]
fonte in margine [illegible] administrat [illegible]
quo super [illegible] Item fons est [illegible]
[illegible]
[illegible] dote [illegible]
administrat. Item locus sibi adiacentium est
fecundativus. Nam loca fontibus magis vi-
cina solent esse magis [illegible] florida
et [illegible] sepius amplius fructuosa. Item fons
in medio sui ortus ubi primo de terra erumpit
est pulcher et [illegible] sibi assistentium [illegible]
[illegible] ubi ebullit violentia sui
motus [illegible] provocat et [illegible]
et [illegible] Item
fons [illegible] claritatem suam et transparentiam
[illegible] et [illegible] sibi obiectorum
representat imagines. Et ideo [illegible] ap-
parent in fontibus [illegible]
[illegible] que aliarum [illegible]
est in aque fontane transparentia mani-
festatur. Item fons secundum qualitatem temporis
variis scilicet vel estate est sue qualitatis immu-
tativus. Nam [illegible] in hyeme [illegible]
calefacit et estivali tempore infrigidatur. [illegible]
[illegible] est quod in hyeme calor [illegible]
[illegible]
[illegible] fontium calefacit
[illegible] estate non [illegible]
Nam per [illegible] calidum in [illegible] fugit [illegible]
ad intima [illegible] terre [illegible]
Et ideo aque emanantes [illegible] ipsius

[illegible] fons est [illegible] sui per origines [illegible] continuus stagnum [illegible] fuit origo [illegible] [illegible] statuitur ad [illegible] altitudo [illegible] [illegible] alto conduci per fistulas [illegible] [illegible] in [illegible] fontale [illegible] [illegible]

[illegible] fons cuius [illegible] sit paruulus [illegible] [illegible] [illegible] [illegible] multorum [illegible] [illegible] magnitudinem [illegible]. Nullus enim est fluuius qui a fonte aliquo occulto uel manifesto non oriatur ut dicit ysydorus. Item fons est aquarum [illegible] et aliarum [illegible] meliorationis [illegible]. Et si etiam fons [illegible] [illegible] uel transeat per stagnum [illegible] et aquas ibi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Item fons [illegible] uenis et meatibus terre per quas transit colores [illegible] et sapores [illegible] ut dicit ysydorus. Et ideo fontes [illegible] sunt calidi, [illegible] sulphurei [illegible] diuersas terre per quas transeunt ut dicit ysydorus libro xiii. Est fons in [illegible] cuius aqua [illegible] [illegible] [illegible]. Et est fons in [illegible] [illegible] aqua [illegible] [illegible]. Item est fons in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Item in [illegible] est fons [illegible] [illegible] [illegible] quo qui [illegible] [illegible] [illegible]. Item in [illegible] sunt duo fontes quorum [illegible] [illegible] alter sterilem facit. Item fons est in [illegible] quater in anno mutans colorem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] fons ab [illegible] [illegible] [illegible]. Item fons in [illegible] ad [illegible] [illegible] aquis [illegible] [illegible] et [illegible] [illegible]. Item in sardinia sunt fontes calidi [illegible] [illegible] [illegible] [illegible] [illegible]. Item in [illegible] est fons in quo [illegible] [illegible]

[illegible] et [illegible] [illegible]. Et apud [illegible] montem dicitur fontem esse [illegible] [illegible] quod non bibitur et ita [illegible] [illegible] ut non tangat [illegible] ysydorus.

Ex quo patet quod fons [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] uel fondu [illegible] et dulcis [illegible] aqua et [illegible]. Si sulphureus fuit fundus uel limosus [illegible] [illegible] aqua [illegible] si fons fuerit [illegible] corruptus et [illegible] totum quod [illegible] effluxerit [illegible] [illegible].

## De putheo

Puteus est locus [illegible] a potu dictus ut dicit ysydorus. Ex sudoribus enim terre et cataratibus aque oritur [illegible] terre [illegible] [illegible] aque [illegible] [illegible] [illegible]. Ex [illegible] [illegible] aqua puthealis generatur ut dicit [illegible]. Aqua non puthealis [illegible] [illegible] aquas alias est grossior et [illegible] [illegible] terre salsuginem [illegible] [illegible] et propter [illegible] ab aere elongationem. Iuxta fluuios autem aqua puthealis [illegible] facilius inuenitur et illius aque [illegible] [illegible] aque fluminis [illegible]. Si non putheus sit iuxta putheum alium qui situalis est profundior aqua [illegible] puthei minus profundi [illegible] et [illegible] se [illegible] [illegible]. A terra autem [illegible] saporem contrahit et ideo nunc salsam nunc dulcem se ostendit. Item aqua puthealis [illegible] corruptionem [illegible] non mouetur. Et ideo ut depuretur et subtilietur [illegible] est ut sepius hauriatur et moueatur. [illegible] aut terre [illegible] est [illegible] [illegible] aqua puthealis dulcior et frigidior [illegible] [illegible]. Item in hyeme raro uel nunquam congelatur, nam per [illegible] aeris frigidi [illegible] [illegible] calor [illegible] [illegible] [illegible] [illegible] [illegible]. Et ideo aqua [illegible] [illegible] [illegible] [illegible] congelari non [illegible] [illegible] [illegible] [illegible]

in estiuo tempore inuenit. Item aqua putei [illegible] eius situs in profundo eius distat [illegible] acquirit et sine magno artificio non hauritur.

## De aqua fluuij

Fluuius a fluendo est dictus. Secundum Ysidorum fluuius est perhennis fluxus quia semper fluit. Et nisi eius ortus reparetur ortus fluuius non desistit. Est igitur considerandum in fluuio quo ad fluxus perhennitatem quo ad situs profunditatem et quo ad motus reciprocitatem. Per longissima enim terrarum spacia currere flumina consueuerunt. Item quo ad ortum siue suam originalem [illegible] et finalem terminum amaritudinis qualitatem. Omnium enim fluminum originale principium ex occultis maris [illegible] in capitibus fontium amarum erit et preterea in [illegible] manifestos transitus iterum in mare redit ut dicit ysidorus super ecclesiasten libro [illegible] dicit. Omnia flumina intrant in mare et cetera. Ubi dicit Item dicunt philosophi aquas dulces que mari influunt in ardore solis consumi uel salsuginem [illegible] bulla [illegible] maris. Et hec [illegible] aquarum soliuit conditor dicit [illegible] per occultas terre uenas ad capita fontium regredi et de matrice abysso in sua [illegible] ebullire et cetera.

Item est considerare in flumine quo ad meandrum progressum inter suum finem et principium dulcedinis saporositatem. Nam aqua fluminis in uenis fontium per aquas transit [illegible] et collatur ubi a sua salsugine spoliata contrahit saporem potabilem et in dulcedinem commutatur ut dicit ysidorus. Item quo ad aspectum specularem perspicuitatem [illegible] enim ut pura [illegible] ad modum speculi dyaphana [illegible] obiectarum [illegible] in fluuiis [illegible] representantur.

Item est considerare quo ad fluminis [illegible] mundiciam et puritatem quo ad eius decliue [illegible] ac [illegible] uelocitatem quo ad [illegible] uirtuositatem quia omnia obstacula et omnes obices [illegible] cum impetu [illegible] nihil resistit. [illegible] enim impetuosi

omnia in se [illegible] ad [illegible] sua agitat et [illegible] [illegible] in se proiectas [illegible] [illegible] dispergit et [illegible] enim est [illegible] diffusiuus aquarum [illegible] quas [illegible] piscium diuersitatis nutritiuus et [illegible] piscibus [illegible] et [illegible] et qualitates [illegible] habet enim flumen siue fluuius [illegible] utilitatem [illegible] Nulli enim [illegible] quid de se est [illegible] hominibus tam paruis quam magnis [illegible] omnibus administrat [illegible] et [illegible] tam corporis quam uestium mundificat [illegible] estus [illegible] refrigerat [illegible] potum [illegible] et [illegible] loca sibi [illegible] irrigat et fecundat [illegible] sui [illegible] et [illegible] humectat [illegible] et [illegible] Ut [illegible] in [illegible] ubi [illegible] in ortos [illegible] a [illegible] flumine omnia [illegible] irrigantur [illegible] dicit [illegible] super [illegible] [illegible] dicit terra sua non est sicut terra [illegible] sua [illegible] ciuitates et alia [illegible] fortificat et [illegible] ad [illegible] [illegible] terre [illegible] insulas format et loca [illegible] congrua coadaptat. De aqua et [illegible] dicit [illegible] que illa est [illegible] que tendit ad ortum solis et que ab altioribus montibus ortum sumit. Cum non [illegible] est laudabilis. Dicit etiam quod flumina [illegible] a ciuitatibus remotiora [illegible] [illegible] sunt

et [illegible] partibus aptiora fluminibus
[illegible] fluit sordes et lauatur
[illegible] contrahit corruptella. Et
[illegible] Aqua fluuialis est lauda
bilis [illegible] fluuie est [illegible] fortis cursus
[illegible] lapides [illegible] fundi arenosum [illegible]
[illegible] solubilis sapidus et mundus. Va
[illegible] qualitate terre per quam fluit coloratur
sicut alibi et saporum. Et secundum hoc variantur
fluuiorum etiam nomina et proprietates ut
dicit [illegible] super [illegible]. Quibus enim flumina
a mari cursum sortiantur originem aliorum
[illegible] in quibus oriuntur et per que transfunduntur
sicut colorem sumunt et saporem sic et nomina.
[illegible] autem mutant aquas in se [illegible]
fluuii influentes. Videmus enim [illegible]
[illegible] et principales aliorum nomen
proprium [illegible] perdere non consueuerunt
quia enim qui in fluendo [illegible]
nomine sibi incorporat atque [illegible]
fluuius [illegible] sit paruus et modicus [illegible]
de fonte primo fluuius incipit quanto tamen a
suo principio plus elongatur et aquarum
influentia magis crescit. Ut patet de
[illegible] germanie fluuio de quo dicit
ysydorus libro [illegible] primo [illegible] a ger
manie montibus [illegible]
a primo fonte et [illegible]
[illegible] fluuios in se recipit et [illegible]
[illegible] in [illegible] fluuius. Talis est
autem [illegible] fluuius [illegible] ripas suas
[illegible] non excedit [illegible] imbrium
inundatione [illegible] nimium [illegible]
[illegible] suum excedit et [illegible]
[illegible] planiciem [illegible] sepius et sub
mergit

De fluminibus in generali

Sunt autem flumina [illegible] ut dicit
ysydorus libro xiii [illegible]
[illegible] dicitur flumen [illegible] de quo
[illegible] fluuio [illegible] ab alueo [illegible]

Aliud est torrens aqua scilicet que pluuia
crescit sicut non torrescit et arescit [illegible]
[illegible] ab hyeme nomen [illegible] qui cre
scit nox ab estate qui deficit et arescit.
Est autem diuersus torrens spaciosus et
fortis. et ideo quelibet sibi obuiantia
[illegible] et cum impetu secum trahit. Vla
autem fluuii terram corrumpit et lapillos
corrodit ac paleas coaceruat post se
vestigia derelinquit [illegible]
[illegible] amnis autem dicitur fluuius
nemore et frondibus redimitus [illegible]
circumsceptus ut dicit ysydorus ibidem
ex amenitate sic vocatus iuxta quem
herbe medicinales habundant volucres
siluestres nidificant in cuius diuersa
[illegible] potus iumentis in feruore estatis
[illegible] refrigerat [illegible] ibi ha
bundant pascua et [illegible] et vi
rore [illegible] et [illegible]. Sunt
autem [illegible] flumina de quibus specialis fit mencio
in sacra pagina sicut physon geon
tigris eufrates et iordanis etc. Est autem
physon ganges fluuius ut dicit ysydorus
libro xiii a gangaro rege ganges dictus
hic exiens de paradiso terram euilath
[illegible] regionis [illegible] dicitur autem
physon id est [illegible] quia x in se recipit
flumina [illegible] et mutatio oris
que mutat a facie qua est in paradiso
et hoc [illegible] sicut dicit magister
in hystoriis. In colore que alibi ibi
clarus alibi obscurus alibi turbidus
in quantitate que alibi paruus alibi magnus
et diffusus. In sensu quia alibi fri
gidus alicubi calidus. Hic fluuius
habundat arenulis aureis et gemmis
preciosis. In cuius etiam litoribus crescunt
arbores et herbe aromatice et medici
nales. Geon qui nilus est fluuius
mesopotamie de paradiso egrediens

ut d. hyrreus terre uel terroris quia
turbidus est et limosus. Oritur enim non
procul ab athlante et circuit terram ethy
opie et descendit per egiptum et irrigat
plana eius unde dicit Ier. sup Amos
viij. Sic dicitur de fluvio qui rivus egipti est
Nilus dispositione dei simul in anno
irrigat totum egiptum cumulis arenarum
claudentibus hostia eius ne defluat in
mare / post irrigationem autem fluvius cu
mulis reddit in alveum suum et sic tandem
mare ingrediens a mari absorbetur. hic
fluvius nutrit reptilia multum nociva et
venenosa ut cocodrillos et bestiolam que de
Enilos et qua dicit ysydorus li. xij. ca. o
Enidros ingens est bestiola ex eo nuncupa
ta quod in aquis versetur et maxime in Nilo
Que si invenerit dormientem cocodril
lum volutat se in luto primo et intrat per
os eius in ventrem et carpens omnia inte
riora eius occidit eum, et sic moritur. dicit
etiam glo. sup eze. ca. xxix. ubi qui Gyon
qui et Nilus fluvius est turbulentus nimis
tum propter limum unde ratione limositatis
quam secum ducit in terram per quam transit fe
cundam et valde fertilem facit. Tigris flu
vius est mesopotamie de paradiso exi
ens pergit contra assyrios ut dicit ysydorus
Qui post multos circuitus intrat mare
rubrum. vocatur autem hoc nomine propter im
petum et velocitatem ad instar tigris animalis
nimio impetu percurrentis. Dicit autem
Josephus quod tigris oritur in armenia ex
eodem fonte quo oritur eufrates et vo
catur diglat quod sonat acutum uel an
gustum, currit enim angustus et acutus
propter quod tigris lingua persica id est velox
uel sagitta nuncupatur.

De fluvio eufrate

Eufrates est fluvius mesopotamie
de paradiso exiens copiosissimus
in gemmis et per mediam babiloniam fluit
hic ab ubertate nomen accepit. Nam hebraice
eufrata frugifera uel fructifera [illegible]
enim in multis locis [illegible]
Salustius autem auctor certissimus asserit tigrim
et eufraten ex uno fonte manare in armenia
qui per diversa loca euntes spatio multorum
milium in medio dividuntur. Terra autem que ab
ipsis ambitur mesopotamia dicitur. hec
ysydorus li. xiij. ca. penultimo. Dicitur
et fluvius secundum glo. sup eze. xxix. qui alio
nomine dicitur araxis uel arapsus (?) [illegible]
armenie qui oritur ex eodem monte cum eu
frate sic dictus eo quod rapacitate cursus pro
sternit ut dicit ysydorus li. xiij. unde cum
Alexander magnus (?) uellet transgredi pontem fabri
cato tanta [illegible] violentia fundamenta eius (?) potius
diruerit. hic brevibus intervallis ab eufrate
[illegible] tollitur ac dividit (?) in caspium mare fluit
in lingua ipsorum [illegible] appellatur ut dicit
glo. sup eze. // hic fluvius qui quodam bra
chio [illegible] [illegible] tigris uel eufrates uel [illegible]
[illegible] ex eodem fonte in armenia oritur
propter quod dicitur habundare gemmis et herbis
aromaticis. Quarum [illegible] [illegible] medicine
[illegible] [illegible] [illegible] [illegible]
[illegible] tigri uel eufrati [illegible]
de paradiso dicitur et procedere.

De flumine Jordanis

Jordanis Judee fluvius a duobus
fontibus dictus quorum unus Jor dicitur alter Danus
nominatur ut dicit ysydorus li. xiij. Nascitur
autem sub libano monte dividens arabiam
et judeam qui per multos circuitus circa
Jherycho in mare mortuum influit et ibi
ipsum absorbetur permixtus et consumitur. hic flu
vius tempore messis [illegible] quod solet in pale
stina [illegible] tempore [illegible] [illegible] consueverit
plus solito habundare quod accidit ex
ymbribus et [illegible] inundatione et ex nivium
dissolutione sicut dicitur in ystoriis et in
glo. sup Josue iij. ubi dicitur Jordanis ri
pas alvei sui tempore messis impleverat

[illegible] 2° dicitur quod [illegible] fluvius
[illegible] primo quia regionem
[illegible] gentilium [illegible]
[illegible] arabica separavit / 2°
quia [illegible] apparuit et esset
in [illegible] transitu verbis in
[illegible] partita se divisit ut
[illegible] 3° quia lepra Naaman
syrum abluit et mundavit 4 reg. 5° / 4°
quia per sui divisionem sanctitati helye et
helisey testimonium perhibuit quando utrumque
[illegible] ut patet 4 reg. 2° / 14° quia ferrum
contra [illegible] aquarum in fundo suo
non abscondit ymmo usque ad sua superficiem
[illegible] prophete qui perdidit ipsum
[illegible] elevavit sicut legitur 4 reg.
6° / 8° quia ex tactu mundissime carnis domini
sanctificari meruit quo tactu dominus suam re-
generativam aquis contulit.
humane salutis sacramentum in aqua fieri
ordinavit ut patet luc. 2° / 7° quia in jordane
Johannes baptista et celos apertos [illegible]
[illegible] meruit quando totius trinitatis
ministerium in baptismo domini [illegible].

De fluminibus abana

Sunt et alia flumina [illegible] in
scriptura sicut est abana et phar-
phar qui sunt fluvii sive fluenta [?]
damasci quorum subductione [illegible] dama-
scenum irrigant et multiplicem generum herbarum
et arborum fructuum multitudinem fecundat.
De hiis dicitur 4 reg. 5°

De flumine gotam

Gothan est flumen medorum qui
nomine alio dicitur ydaspes [?] / quia
a quodam rege medorum sic vocatus est
¶ Oritur autem [illegible] oriente et in rubro mari
recipitur. [illegible] dicitur sunt super hoc
flumine due tribus et dimidia que a
salmanasar rege assyriorum captive in
assyrios sunt deducti per manum [illegible]

sunt captivi ut patet 4 reg. 15° Sicut
due tribus captivitatis nabuchodono-
sor super flumen chobar in babilonia
fuerunt multis temporibus collocati ut
in eze. pr. p°. ¶ Est autem chobar fluvius
per paludes babilonie se diffundens
a tigri vel eufrate ortum ducens et in
[illegible] ipsorum [illegible] reducens suis [illegible]
ut dicitur super eze. ¶ Flumen autem
chobar ex utraque parte sui litoris habun-
dat salicibus et caricetis sicut dicitur
super locum illum ysaye 15°. super [?] tor-
rentem salicum ducunt eos / hunc tor-
rentem vocat babilonis flumen super
quod residens dei populus non mo-
dulatur [?] ymmo plorat sicut scriptum est
super flumina babilonis illic sedimus
et flevimus etc. Sunt autem alia flu-
mina multum famosa. Sed de illis mi-
tamus quia de ipsis mentionem in biblia
non habemus.

De laco

Lacus est lacunar [?] aquarum com-
paratum in quo aqua retinetur
ne fluctibus [illegible] ut dicit ysy-
dorus in li. 13° quod greci limnen [?] et
stagnum vocant. Nam fontes labuntur
in flumina. Flumina vero in freta de-
currunt. Lacus autem stat in loco nec
fluit / et ideo dictus est lacus quasi aque
locus ut dicit ysydorus. Aquas enim
quas [illegible] vel in fluendo recipit
alias non transfundit / pisces autem
lacuales ut dicit Constantinus minus
laudabiles quam fluviales / Nam sua
limositate pisces quos nutrit quam [illegible]
saporiores reddit / herbas superfluas gi-
gnit in quibus ranas et [illegible]
multos nutrit aqua fluvius lacus
subintrans et influens ipsorum aquas
[illegible] et ipsas a corruptione

custodit. Et omnia ista aquarum receptione
[illegible] stagni qui super ripa, et quia
diutius est immobile est sapido lantius. Aqua
autem lacualis crassior est et grossior et aquis flu-
minalibus minus ad potandum laudabilis reperitur.
Nam talis potus saepe assumptus multas
generat in corpore passiones ut patet supra
li. 7 de potu aque. ¶ Contrahit autem
hec aqua lacualis diversas virtutes ex
fundo et situ ubi recolligitur sicut exempli-
ficat ysydorus li. 13 ca. 13 de diversitate
aquarum dicens: In ethiopia inquit lacus
est quo perfusa corpora velut oleo nitescunt.
Chidorus est lacus et in aphrica quo canoras
fiunt voces. In ytalia est lacus clitorius
aqua cuius tedium vini facit. Est circa
paludibus iumentorum ungulas [illegible]
dunt. Item in alfatico lacu iudee nihil mergi
potest quod animam habet. Item Indie est sta-
gnum in quo nihil natat sed omnia submer-
guntur. In tarracone lacus est ter in die amarus
et totiens dulcis. Et hoc recitat ysydorus
li. 13 ca. supradicto. Hec autem et alie consi-
miles aquarum putredinum et variationum
diversitates accidunt ex varia qualitate
venarum terre per quas transeunt [illegible]
vel a natura et dispositione fundi ubi aque
huius recolliguntur.

De lacu alfati

Lacus alfati mare mortuum nuncu-
patur, Grece propter eius amaritudinem et
magnitudinem, eo quod nihil gignit
vivum. Nihil enim recipit ex genere viven-
tium. Unde nec pisces nec aves, sed quecumque
viventia mergenda intus temptaveris
quacumque arte statim resiliunt. Et quamvis
vehementer illisa confestim excutiuntur. Neque
a ventis movetur bitumine turbinibusque
resistente quo omnis aqua stagnatur.
Neque navigabilis natura est, quia omnia
vita carentia in profundum merguntur,
nec materiam aliquam sustinent, nisi que

bitumine illustratur [illegible]
dicitur in [illegible] [illegible]
hic lacus alfati [illegible]
mare salinarum [illegible]
Iherico et zaram [illegible]
ad zoaros arabie [illegible]
usque ad vicum sodomitarum [illegible]
li. [illegible] in capitulo de lacubus et stagnis.
In historiis dicitur quod in loco subversionis
sodomorum sunt hic lacus nigras glebas
bituminis vomens et ideo lacus [illegible]
dicitur. In cuius circuitu poma nascuntur
nata usque ad maturitatem colorem ferentia
virides. Sed si maturitate [illegible]
[illegible] humores. Unde et iosephus fabula-
tur de sodomorum finibus [illegible] dicit
in [illegible]. Sup. 2a. cap. [illegible] supra
litus illius civitatis sodomorum in cine-
rem redactas [illegible] adhuc
dicit reperiri circa portam [illegible]
pire. Nascuntur ibi poma pulcherrima
que si [illegible] spectantibus
[illegible]. Que si carpas fatiscunt et [illegible]
[illegible] fumumque exhalant quasi
adhuc arderent.

De lacu tyberiadis

Lacus tyberiadis ab oppido tybe-
riadis est vocatus quod quidam herodes
in honorem Tiberii cesaris condidit. Est
autem stagnum ceteris sive lacubus in Iudea
salubrius et ad sanitatem corporis efficacior.
Circuit autem stadia .cxl. ut dicit ysydo-
rus li. 13. Stagnum genesar. Ut dicitur ibidem
est stagnum latius amplissimum in Iudea quod
in longitudine .cxl. stadiis extenditur
latitudinis vero xl. diffunditur aquis cri-
spantibus aura non ventis sed de ipso sibi
excitans. Unde et genesar dicitur greco
vocabulo quasi generans sibi auram. Et
unique vero diffusa spatia lacus frequentibus

de lacu alfati

de lacu tyberiadis

[illegible] ... pinior est
[illegible] ... habitabilis ... ad po-
[illegible] ... propter magnitudinem
[illegible] ...
[illegible] ... potius quidam est ma-
[illegible] ... unde dicit Ysidorus
[illegible] ... dicitur ...
[illegible] ...
[illegible] ... miraque

De aqua piscine

Piscina est aqua ad nutriendum pisces collecta piscina scilicet vocata ut dicit Ysidorus ... [illegible] ... aque confluunt ... [illegible] ... ubi ... est ... paludosis pisces ... nullatenus nutriuntur. Ubi vero ... aque ... et ... motu facile corrumpuntur. Et ideo ad pisces ... per canales et fistulas aque dulces ... inducuntur ... influentes aque ... minuuntur. ... piscine ... ad ortos irrigandos ... et arbores ... piscina ... [illegible] ... irrigando est ... vel a flumine ... [illegible] ... sapit ... fluvii ... lacus ut dicit ... Est autem ... perpetuus ... [illegible] ... et floribus ... lapillis et arena ... decoratus

De fluctu

Fluctus id est fluxus est aqua ... [illegible] ... a quo ... fluctuat quasi ... [illegible] ... est unda ab eundo dicta ... agitatur ... ut dicit Ysidorus libro 13. Fluctus autem mutuo se collidunt et aut sursum aut deorsum mutuo se agitant et impellunt. Et ex fragmento collisionis mutue spuma ex se progenitur ... [illegible] ... pisces allicit et ex motu sui impetu ... reddit. ... aeris ... [illegible] ... nec ascendit nec descendit ... [illegible] ... navis ... ad ... litore ... possunt. Aut ... undique se agitant et diffundit

De gurgite

Gurges est in flumine locus altus sive profundus a gutture gurges dictus ut dicit Ysidorus libro 13 quia aquas influentes absorbet et absortas iterato vomit ... propter sui profunditatem motu circulari et reflexo circumfertur propter quod natatores in gurgite de facili ... in gurgite et pisces ... se occultant et ... exire sapiunt

De tramite fluvii

Tramis est primus seu fluvius decursus ... et continuus a fonte exiens ac ... alveum suum non relinquens ... fluere incipit et quousque mare intrat ... alveum sui luminis continuo fluere non desistit. ... gravat et confluit in ... maris ... pisces ... aqua et fluctu ... continue ... in maiori impetu fluit quam aliqua alia pars aque et ... naves atque lignorum strues ... trahit. Et ideo tramis dicitur a traho trahis vel a transmitto ... [illegible] ... aque cursus ... tramite ... tanto est velocior et ... [illegible]

de piscina

de fluctu

de gurgite

de tramite fluvii

Alluvio

tabit Alluvio vero et hec alluvies dicitur
latus et lenta aquarum inundatio alluvio
vel abluvio dicta. Abluit enim terram per quam
transit et abluvio consistit dum substantia
partium consumptio ex aqua facta alluvio dicitur
Job 14°. Alluvione paulatim terra consumitur et
cum dicit per absconditas earum gravitates
meliorum fluxum se diffundit tenero prin-
losas soliditates dissipat et dissolvit sta
tipt superfitiebus petrinis solida eidem quia
cuius interior consumptio non videtur. Isto pro-
calcantes earum fortibus labitur quia consumpta
interiori soliditate latens varietas non vi-
detur ut dicit gg.

De abysso

abysso

Abyssus est aquarum profunditas
impenetrabilis aqua fontes et flumina
oriuntur. Omnes enim ab abysso recurrunt
et per occultas venas ad matricem abyssi rever-
tuntur, ut dicit ysydorus libro 13°. In abyssus
quasi abmissus dicitur quia cuius profunditas sci-
ri non potest, vel dicitur abyssus quasi sine basso
i. sine candore quia nimia distantia a
fonte luminis lucis pulchritudine caret
et decore, unde dicit Johannes damascenus. Abys-
sus nichil aliud est quam aqua multa cu-
ius est incomprehensibilis et incomprehensibilis quia
ad eius summum lucis diffusio non attin-
git, vel dicitur abyssus quasi sine basse, quia
eius fundamentum et substantia sensui non vi-
detur. Et ideo primordialis materia que in principio
non erat forma determinata et distincta abys-
sus ab augustino est vocata, propter quod dicit in
libro confessionum primo. Abyssus est corruptibilis
illud quod fecit deus ut sit materia corporum
informis sine ordine et sine luce. Unde
abyssus etiam est quod materia prima ut dicit aug.
in libro de simbolis tenue fugit et abyssi no-
mine etiam nuncupatur que de nichilo
facta est ut ordinatissimo dei munere
prima capacitas formarum sicut ac tunc
formarentur quamquam sine formatis. Unde
materia est aqua dicta tum quia fluida tum

ma que omnis forme erat susceptiva unde di-
citur terra per ... super
faciem quia erat ... aut
abyssus propter ... indistincta.
distincta ¶ ... [illegible]
perfectio ... quia erat ...
potentiale ... [illegible]
sed tamen et ... obscuritate ... [illegible]
omnium aquarum ... fluiditate ... [illegible]
bilitate, quia nunquam ... [illegible]
corpus ... et ... [illegible]
et ... abilitatem.

De mari in generali

Mare est aquarum ... collectio
quia salsarum ut dicit ysydorus ... ...
aut dicitur mare ... quia ... aque sunt
amare ut dicit ... et sequentes ...
aut mare ... ab ... equaliter ... ...
ipsum est. Quamvis enim aque maris flu-
ctuantes velut montes erigantur, sedantur
tamen tempestatibus ... ut
dicit idem. Item dicitur pelagus quasi pellens
undas quia in mari fit undarum et pellar-
[illegible] continuus et impulsus ... ac
ut dicit ... ... omnium fontium
in se ... aquas et flumina, ex tanto
tamen ... non suscipit incre-
mentum. Quod accidit ex hoc vel quia eius
magnitudo influentes undas non sentiat
vel quia amare dulcem fluenta consumat
vel quia nubes multa aquositate ad se
attrahunt sive ... totum ...
... sol exsiccat sive per aque ductus pre-
occulta quedam terre foramina ... ...
ad capita fluviorum et fontium revolvitur sicut
dicit ysydorus libro 13°. ¶ ... ambrosius
aut et basilius in exameron. aque ...
... ... per diversa loca et nomina
sed tamen continuatur ... semper mota vaga
... in fluvio et ... lumi-
narum ... cuius virtute et influentia
... vel absorbetur. Est autem mare ...

[illegible] ꝗ est-
[illegible] subsidet aque
[illegible] particule minerales com-
[illegible] ¶ Nota de mare et
[illegible] Dicit aquarum maris
[illegible] est [illegible] quibus
[illegible] maris. ¶ Causa autem
maris [illegible] salsedo et amaritudo
est [illegible] sudor vapor siccus
subtilis [illegible] pars sub-
tilior [illegible] et remanet grossior.
¶ Et calor solis eum calefaciens efficit salsum
quod remanet et est amarum ut sudor et
urina. Et ex adustione eius fit terrestreitas
quam [illegible] partes terrestres adustae aquis
et [illegible] amaritu-
dine per adustionem [illegible] fit salsedo
ut patet in [illegible] aqua colata per cinerem
salsa. Item [illegible] dicit in meteoris quod aqua ma-
ris salsa gravior est dulci aqua quia hec
gravior, illa vero subtilior est. Cuius signum
est quod cum natat in aqua salsa et [illegible]
dulci, et profundius submergitur navis
in aqua dulci quam in salsa. [illegible] in mari
mortuo [illegible]
quod [illegible] in eo [illegible] ¶ [illegible]
[illegible] mare est [illegible]
talis ab eo salsedo [illegible]
[illegible]
[illegible] in mare
[illegible] intrabit in ipsum aqua
dulcis. Item [illegible] aque
dulces elevantur propter levitatem suam sursum et aque
salse descendunt propter gravitatem suam deorsum.
Et quod salsum est [illegible] in terra et dul-
ce evaporat. ¶ Item [illegible]
[illegible] luna
[illegible] luna oritur [illegible] hora diei
vel noctis [illegible] fluminis [illegible] maris
in illa regione in qua [illegible] luna [illegible]
ipsum mare ita [illegible] flumina [illegible] ad
[illegible]

[illegible] et cum est luna in meridie [illegible]
incipit aqua diminui, sicut cum luna [illegible] oc-
cidit aqua incipit augmentari, [illegible] sicut
ferrum sequitur adamantem sic mare [illegible] se-
quitur et [illegible] de hoc [illegible] motu
de luna. ¶ Item [illegible] quod mare [illegible]
[illegible] et [illegible] colore [illegible] ef-
ficitur [illegible] viride [illegible] turbi-
dum [illegible] clarum. Item [illegible]
[illegible] dicit. [illegible]
[illegible] cursum
lune fit [illegible] quod [illegible] mare est
plenum in summo [illegible] minuitur et sic de-
scendendo continue minuitur usque ad [illegible]
et [illegible] est mare in [illegible] defectu suo. Inci-
pit autem paulatim crescere [illegible] usque ad vii
dies ita quod luna [illegible] quando totaliter est plena
est [illegible] mare in summo augmento suo.
Et iterum incipit minui per vii dies alios,
ita quod cum luna est xxi est in suo minimo.
Item in [illegible] incipit crescere per alios
vii dies ita quod cum luna est in [illegible] et
est [illegible] in suo summo et sic semper mare
[illegible] recipit [illegible] quolibet mense
[illegible] in crescendo et duas in decrescendo
secundum augmentum vel decrementum ipsius lune.
¶ Item [illegible] est mare in summo augmento
et vigore cum luna est plena lumine vel
[illegible] ut in novilunio, vel [illegible]
ut in plenilunio [illegible] Et quanto
luna in susceptione sive amissione lu-
minis plus proficit vel deficit, tanto mare
crescit amplius vel decrescit. Item mare
[illegible] vegetabilium fundum et litus
[illegible] durum solidum et arenosum, et significatio
ipsius quod mare sit super arenas est quod ob-
[illegible] in eo partes terree facte quia sunt salse
et [illegible] aqua diminuit [illegible] partes suas
[illegible] terra mari propinqua arenosa est
[illegible] partes [illegible] arenose [illegible]
[illegible] virtus [illegible]
[illegible] undarum
maris motum ad litora [illegible] partes

[illegible] maris prosperitatis [illegible] quidam alie
[illegible] et omnes [illegible] quas tamen [illegible] sim-
pliciter putaret [illegible] hic appositi ut mag-
[illegible] aliqua misteria [illegible] similitudine sim-
plicibus suadeo. Est itaque mare sive ipsius [illegible]
[illegible] omnia [illegible] inmunda et mor-
tua [illegible] per motus violentia et expellit
ut dicit [illegible]. Item mare est [illegible] diffusivum
[illegible] fontibus fluvius [illegible] sive fluvios
[illegible] ut dicit [illegible] super [illegible]. Item
mare est [illegible] et monstrorum [illegible] multiplex
forme productivum [illegible] longe plura
producit monstra et mira [illegible] terra
sicut dicit Ra[illegible] super [illegible] sunt illic [illegible]
et mirabilia opera et varia bestiarum
[illegible] Et in [illegible] illic reptilia quorum
non est numerus. Item mare [illegible] sit sub-
stantialiter mole et [illegible] diversissimarum tamen
rerum [illegible] est [illegible]
ut patet in [illegible] et in piscibus [illegible]
et in lapidibus et gemmis quas continet. Et
mare quamvis non sit potabile vel delectabile
[illegible] ad gustum, est tamen multum utile [illegible] ad [illegible]
[illegible] est [illegible] sa-
nat enim ydropicos [illegible] et alios sca-
biosos ut dicit Const[illegible] et alios multos
curat. Item mare quamvis ex se sit salsum et
amarum, per dulcedinem tamen [illegible]
per quam transit est sui saporis immutativum
dulcedinem [illegible] quandam [illegible] ex collatione
terre per quam transit ut dicit [illegible]. Et est
[illegible] Item mare [illegible] sit [illegible]
amarum [illegible] tamen dulcium est nutritivum
[illegible] dulcedinem quam sugentes pi-
sces contrahunt [illegible] sanguini et sapo-
rem ut dicit Ambrosius. Item mare [illegible]
est et inquietum et ex suo motu est sue [illegible]
a corruptionis periculo conservativum [illegible]
[illegible] motus subtiliat et sic ne putrefacti-
a corruptibile [illegible] conservat. Item [illegible]
quidem et male terminabile [illegible]
[illegible] per alium [illegible] quod ultra littora fines
terminus non est [illegible] sicut
dicit proverbiorum 8° [illegible] et Job 38° [illegible]

[illegible] sua et [illegible] est [illegible]
[illegible] et [illegible]
[illegible]
plus a mari [illegible]
et multa [illegible]
[illegible] terra et [illegible]
dicit Beda. Item [illegible] marina
est nocivum est [illegible] doloris
capitis generativum [illegible]
[illegible] appetitus [illegible] et [illegible]
Item ex vaporibus fumositatis quas emittit
est nebule et nubium generativum [illegible]
obscuritatis in aere generativum et [illegible]
[illegible] caloris solaris [illegible] caloris
propter [illegible] pro qualitate [illegible]
caloris mutarum. Nam modo flavum est modo
lutulentum modo [illegible] ut dicit Ysidorus li. [illegible]
Item mare multorum [illegible] est in se generativum
modo [illegible] flatu [illegible] reddit [illegible]
[illegible] et procellosum [illegible] et tumultuosum [illegible]
[illegible] mare [illegible] dicitur ut dicit Ysydorus
[illegible] motus ut patet in mari [illegible]
in quo [illegible] maris [illegible]
Sylla et Carybdis [illegible] duo loca
periculosissima in quibus multe naves [illegible]
[illegible] Est autem Sylla [illegible] in mari [illegible]
[illegible] multis [illegible]
ad que [illegible]
[illegible] naves aliquo [illegible] naufra-
gio [illegible] Carybdis vero est dicta [illegible]
[illegible] occultat naves [illegible]
mare ibi [illegible] in se
[illegible] naves ibi transeuntes
[illegible] in se [illegible] Et [illegible]
in die [illegible] abs[illegible] Nam
aquas [illegible] ut [illegible]
[illegible] ut dicit Ysydorus li. 13° in [illegible]
[illegible] maris [illegible] Item aliud notabile
periculum [illegible] in mari [illegible] in equalitas
fundi quia in aliquo loco aqua est profundissi-
[illegible] loco [illegible]
periculum [illegible] in [illegible]
multos [illegible]

Et dic[illegible] periculis [illegible] multe in mari [illegible] quo p[illegible] [illegible] [illegible] latentes [illegible] [illegible] [illegible] periculose [illegible] in talibus locis na[illegible] [illegible] periculu[illegible] [illegible] [illegible] [illegible] nauta [illegible] [illegible] aut [illegible] Unde dicit [illegible] bitallassum [illegible] bitallassiu[illegible] [illegible] [illegible] dicit quod bitallassum est [illegible] duorum marium [illegible] in hystoriis dicit quod bitallassus dicitur longua terre in mare protensa [illegible] mari circundata [illegible] dicitur bitallassum quasi mare bissidum terre [illegible] [illegible] Talassum enim grece [illegible] sonat [illegible] in bitallassum offendit nauis [illegible] [illegible] [illegible] frangitur [illegible] maris impetu [illegible] [illegible] [illegible] transfretantes generaliter patiuntur periculum aut ratione maris aut ratione aeris aut ratione nauis. Nam si mare fuerit scopulosum rupibus et petris undique [illegible] non sine periculo pertransitur. Aut si fundum habeat inequalem [illegible] tumulis arenosis [illegible] [illegible] ad modum [illegible] depressionem et profunditatem [illegible] [illegible] impeditur [illegible] quando mare in sua [illegible] subintrantibus ventis [illegible] nimis tumidis et undis se [illegible] et [illegible] contrarientibus fit nimium periculosum. Nauis [illegible] [illegible] [illegible] [illegible] [illegible] Aut a [illegible] [illegible] accidit periculum ex aeris turbulentia. Nam tempore tempestuoso obscuro et nebuloso mari se committere solet esse plenum periculosum solet esse potissime quando nauis [illegible] sit in periculo et periculum [illegible] maximum [illegible] formidat [illegible] [illegible] maximum [illegible] [illegible] [illegible] [illegible] naufragium [illegible] timent. [illegible] enim nauis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fortioris venti [illegible] impetu [illegible] [illegible] [illegible] [illegible] fluctus in periculo diutius detinetur [illegible] addunt periculum nauis [illegible] [illegible]

et [illegible]. Non enim tutum est se committere super mare nauicule minus perfecte sufficienter et [illegible] quia talis nauis non est sufficiens [illegible] procellas maris. Quoniam vel propter [illegible] suam fluctibus apperitur et subuertitur. Aut propter fragilitatem [illegible] [illegible] impetu [illegible] aut propter [illegible] [illegible] intus [illegible] aquas [illegible] [illegible] ad [illegible] [illegible] vel saltem ad portum in tali nauicula tardius peruenitur. Et [illegible] [illegible] in tali naui bonus nauclerus [illegible] peritia non habet [illegible] enim summum in mari est periculum quando nauis habet imperitum [illegible] et [illegible] [illegible] [illegible] aliis incommodis periculosis subiacent maria tam mediterranea quam occeanum ut dicit ysidorus. ¶ Vocatur autem tam grece quam latine mare occeanum eo quod in modum circuli ambit orbem. Occeanum enim grece [illegible] [illegible] circuit occeanus [illegible] [illegible] [illegible] dictus eo quod ocius currit et discurrit vel quia purpureo colore [illegible] occeanus quasi [illegible] [illegible] [illegible] ut dicit ysidorus libro 13o.

¶ [illegible] occeanus horas terrarum amplectitur alternisque estibus accedit et recedit respirantibus enim in profundum ventis aut euomit maria aut resorbet. Et quamuis unum sit mare [illegible] ad [illegible] [illegible] [illegible] tamen propter multitudinem [illegible] sinus a proximis regionibus diuersa vocabula suscipit ut mare galicum a galicis et britanicum a britonibus sic et gaditanum mare a gaditibus est dictum. Ubi primo ab occeano mare magnum [illegible] [illegible] Ubi [illegible] hercules posuisse columpnas ibi posuit [illegible] ubi [illegible] terre [illegible] [illegible] ysidorus libro 12o.

De mari magno.

Mare magnum fuit mediterraneum eo quod ab occasu ab occeano fluit et [illegible] [illegible] [illegible] ad septentrionem tendit. Quod ideo magnum appellatur quia cetera maria in comparatione illius sunt minora. Dicitur et mediterraneum quia per medium terram [illegible] ad orientem [illegible] [illegible] asyam affricam et europam [illegible] [illegible] [illegible] [illegible] in yspanis [illegible]

[illegible] maris

+ mari magno

[illegible] maris [illegible] et dicitur
gallicus qui narbonensium provinciam alluit
post ligusticus qui iuxta [illegible] ianuam
est proximus et brevis. post est tirrenus
qui italie attingit latus. siculus qui a
sicilia usque cretam vadit. qui post in pam-
philia et egiptum se retorquens [illegible]
[illegible] septentrionem magnis anfra-
ctibus se retorquet. et transiens iuxta gre-
ciam et illiricum angustatur [illegible]
[illegible] et dicitur diffusus [illegible]
cursus stringitur et fit propontis
qui mox in [illegible] passus contrahitur fitque bo-
sforus tracius qui locus dicitur [illegible]
[illegible] fuerint mare ponticum et funditur
scilicet dictum bosforus a transitu [illegible] et
angustiis meatibus bovum ut dicit ysidorus
facit diffunditur et fit ponticus amplis-
simus a tergo habens meotides paludes
quod mare ex multitudine fluminum
et aquarum dulcium influentium dulcius
est atque amplius nebulosum [illegible] atque [illegible]
[illegible] et dolphinos alias beluas mari-
nas non patitur. Sicut autem terra cum sit
una pro diversis locis variis vocatur
vocabulis, ita pro variis regionibus hoc
mare magnum diversis nominibus vocatur
huiusque ysidorus libro 13o.

De sinu maris

Sinus maris dicuntur maiores recessus
maris ut mare mediterraneum yonium
ab yo rege greci sic dictum. Ionius autem dicitur
adriaticus. Unde yonium mare ab yonia
usque in siciliam dilatatur. In occeano vero
maximus sinus est caspius. Indicus
persicus arabicus, qui et mare rubrum de-
[illegible] rubrum autem mare est vocatum eo quod sit
roseis undis infectum. Non tamen talem hu-
morem qualem videtur ostendit, sed ex vicinis li-
toribus viciatur. [illegible]
quod omnis terra que circuit pellagum
rubra est et sanguineo colore procreata
[illegible] et acutissimum

[illegible] et alii colores quibus terra [illegible]
[illegible] de terra [illegible]
[illegible] defluentibus maris [illegible]
Ob hoc etiam in hiis litoribus gemme rubre
[illegible]. Nam [illegible]
[illegible]
maris [illegible]
in duos sinus dividitur [illegible] ab ori-
ente persicus qui [illegible] ab
occidente Arabicus quem Arabes in-
colunt et frequentant ut dicit ysidorus
libro xiiio.

De pellago

Pellagus est latitudo maris sine
litore et sine portu ut dicit ysidorus
[illegible] profunditatem instabilitatem
et motus continuum mutatur [illegible]
[illegible] diversitate et multorum
vaporum et fumositatum [illegible]
[illegible] quibus [illegible] obnubilatur et obscuratur
[illegible] colores muta-
[illegible] et collisione undarum spumam generans
[illegible] superficie levitatur et tumultuat[illegible]
[illegible]
[illegible] pellagus est [illegible] in quo [illegible]
et periculosum.

De gutta

Gutta est minima pars aque
vel aque sive pluvie parvula a
sua totalitate quasi aliqua violentia separata
Que ut [illegible] ut dicit ysidorus gutta dicitur
que stat aut pendet [illegible]
[illegible] sit glutinosa. Stilla vero dicitur [illegible]
[illegible] et stillicidium dicitur que stilla cadit
[illegible] stilla non [illegible] gutta [illegible] aquosa
[illegible] impetu [illegible]
suo pondere [illegible] / Et dum in [illegible]
est [illegible] in [illegible]
obtinet [illegible] gutta. Stilla autem sive
gutta in [illegible] est [illegible] clara et diafana
forma rotunda [illegible] modica [illegible]
[illegible] terram super quam cadit humectat et fecundat

[de sin]u maris

de pellago

de gutta

[illegible] et [illegible] et non potest [illegible] / [illegible] pluvias [illegible] et [illegible] / [illegible] nutrit [illegible] / [illegible] in [illegible] maris [illegible] ut dicit Ysydorus, marinum [illegible] et [illegible] mollissima ex [illegible] durissima prout [illegible] lapides [illegible] ipse [illegible]

de spuma

De spuma

Spuma est dicta ab eo quod spumatur ut dicit Ysydorus ex fontibus enim [illegible] et [illegible] omnia [illegible] spuma [illegible]. Fit autem spuma ex collisione [illegible] inclusi in aque superficie motu aliquo agitante [illegible] aeris [illegible] aque superficies [illegible] cito quippe ex undarum collisione generatur tam cito dispergitur et dissipatur. Spuma maris que circa lapides recolligitur et per fervidi [illegible] caloris solaris actionem que in pumice [illegible] in spongiam induratur.

de piscibus

De piscibus

Pisces a pascendo sunt dicti ut dicit Ysydorus libro xii capitulo [illegible]. Terra et [illegible] aquarum [illegible]. Dicuntur et reptilia eo quod natandi reptandi speciem habent sive natatus enim reptant quibus in profundum se demergunt. Unde Ambrosius in Exameron dicit: Magna inquit [illegible] pisces et aquas [illegible] et cognatio est [illegible] enim aqua diu vivere non possunt sine solo aeris spiraculo sive aque tractu diu vivere [illegible] autem quidam [illegible] spirare et natare. Qui dum piscis natat [illegible] in [illegible] se colligit longitudinem [illegible] se extendit [illegible] quo nisu [illegible] aqua in anterius se propellit [illegible] quibusdam pinnulis in natando sicut avis remulis utitur in volatu. Et modo alio quod piscis natans pinnulas movet a parte posteriori in anterius et quibusdam brachiis autem remis aquas amplectitur et retrorsum in anterius se extendit. Aves vero movent pennas sursum et collectum aerem per expansam alarum amplitudinem [illegible] per partem posteriorem, unde per violentia aeris propulsionem a parte posteriori moventur seque in anteriorem.

Species autem piscium multipliciter variantur scilicet quo ad locum ubi generantur, et quo ad cibos quibus vivunt et quo ad colorem et formam varia que ab invicem differunt, et quo ad [illegible] qua [illegible] et quo ad virtutem qua diverse [illegible] operantur.

Primum igitur ad [illegible] locum ubi procreantur magna diversitas quidam enim in solis aquis, quedam vero [illegible] in [illegible] in aquis [illegible] ut [illegible] et crocodili, castores et ypotami, et fluviales equi et [illegible]. Diversis enim [illegible] alimentis [illegible] pisces [illegible] sunt [illegible] ut [illegible] et lupi, eo quod [illegible] alios [illegible] improba atque ledunt Ysydorus. In solis aquis [illegible]. Alii sunt in solo mari [illegible], alii vero sunt in fluminibus et in stagnis et in aliis aquis dulcibus commorantes. Alii vero sunt inter hos medii et nunc ad dulces nunc ad salsas aquas pastus gratia diverterunt, pisces vero amara ad dulces aquas [illegible] in [illegible] dulcedine delectantur et [illegible] impugnant, et [illegible] nec in mari nec in aqua dulci [illegible]. Multi autem sunt pisces fluviales qui maris salsedinem non ferentes [illegible] aqua salsa subito moriuntur, unde sursum ventre elevato et super aque superficiem natant, quod in omnibus piscibus maris et aque dulcis est signum mortis. Item pisces [illegible] in mari nascentes squamas habent duras et [illegible] propter aque salse [illegible], pisces vero fluviales squamas subtiles et spinas molles. Omnium autem [illegible] piscibus

fuerit necessaria ad substentandum cursus
eorum fluidum mollicie natum. ¶ Vari-
atur autem qualitas bonitatis piscium secundum natu-
ram loci ubi nutriuntur dicens sic li° 2° ca° 6°.
In locis quibus ubi morantur pisces i-
llectio, qui illi qui morantur in locis
petrosis sunt meliores, et in aquis dulcibus
currentibus in quibus non sunt sordes, et nec
limosi [illegible] lacuales nec campestres.
Et qui non sunt de lacunis paludosis que
flumina non habent et in quibus non sunt fontes.
Item ibidem dicit. Et pisces qui in ma-
rini sunt laudabiles que sunt stabiles et
meliores, et meliores sunt illi qui sunt pellagi-
ni non aliis per in alto pellago nutriuntur.
Et qui morantur in aquis discoopertis
ventorum flatu semper sic sunt meliores illis
qui sunt econtrario. Et illi qui sunt in aquis
multarum agitationum et vehementis fluxus ex-
citi sunt meliores illis qui habitant in
aquis stantibus. Unde pisces pellagini sunt
meliores quam fluviales, et ipsi meliores
quam lacuales maxime si longe sunt a flu-
vio et a mari, habent enim quantum nec
eorum putredo lavatur a subintrante fluvio
sive mari. Unde tales pisces mali sa-
poris et cito putrescunt. ¶ Meliores et
sunt pisces tam marini quam fluviales
in plaga aquilonari et orientali quam
australi, quia ex ventorum impetuoso flatu
aque plus moventur, et sic amplius depu-
rantur et subtiliantur. Et in illarum aquarum
pisces plus moventur et exercitantur, a suis
superfluis magis emundantur. Item dicit
diversificantur piscium species non solum secundum varietates
sue loca, verum etiam secundum ad generationis
sue modum, quedam enim generantur per ovorum
et quedam per coitum et sperme emissionem.
Unde dicit Aristoteles in li° 5°. Tempore
piscium [illegible] quando femina ovat
sequitur masculus ovat et lac suum emit-

tit super ipsa. Et omne quod tangit lac sper-
matis masculi [illegible]
que non tangunt [illegible]
bunt. Femina autem est multo [illegible]
sed maior pars ovorum [illegible]
et multa ova dampnantur in [illegible]
et non salvantur ex eis nisi que [illegible] in
locis ubi venit sperma masculi quia sperma
salvavit ipsa et multiplicavit. Gene-
rant autem pisces in suo [illegible]
sicut dicit Aristoteles ibidem. [illegible]
nibus pisces [illegible]
alterius piscis. Femina autem suos diligit
et nutriunt longo tempore. Unde dicit Aristoteles in
eodem. Omnes pisces nutriunt pullos suos
et custodiunt [illegible] ut dicit [illegible]
quod pisces palustres vel fluviales plus
ovant et citius quam alii qui in mari [illegible] post
quam generantur. Alii autem ovant post [illegible]
annum. ¶ Pariunt autem pisces pullificantes
in locis ubi parva est aqua, iuxta radices
arborum aut [illegible] Item idem ibidem
[illegible] maior pars ovorum dampnatur quia pisces
ova [illegible] quia [illegible] non sunt masculi
[illegible] formam [illegible]
[illegible] et ab aliis piscibus deglutiuntur.
¶ Item ibidem dicit quod quidam pisces gene-
rantur sine coitu et sine ovis ex limo et
terra et ex putrefactione que est supra
aquam. ¶ Item ibidem [illegible]
femine et mares [illegible] et am-
bulat par cum pari et multi ex eis cum
pullificant infirmantur et propter hoc tunc
temporis mare deserunt. Item ibidem
quidam pisces pariunt [illegible] ad arenam et
[illegible] ventrem suum. In libro autem Iorath
de animalibus dicitur quod pisces [illegible]
absque masculo, et cum [illegible] per tres horas
[illegible] pisces autem [illegible]
[illegible]
quem sibilo vocat ad amplexus. Item
dicit Ysydorus li° 12° ca° 6° [illegible]

[illegible] genus murena vocatur eo quod se
[illegible] [illegible] [illegible] feminini se-
xus [illegible] concipit a serpente ob [illegible] capi
[illegible] [illegible] vocatur et capite fuste per-
cussa [illegible] dicit ferula vero statim [illegible]
hec [illegible] [illegible] [illegible] est nam capite
percusso [illegible] [illegible] cauda vero percussa
vel amputata dicit statim mori. Et hoc
[illegible] est et serpenti. Nam contrito capite vel
abscisso statim moritur, cauda autem abscissa
diu vivit. ¶ Dicit autem idem [illegible] quod serpens
[illegible] [illegible] antequam coeat cum murena
[illegible] [illegible] [illegible] actu [illegible]
[illegible] / Et ideo murena [illegible]
[illegible] [illegible] a serpente nec generat
aliquid serpenti [illegible] ut dicit idem.

¶ Item quidam pisces concipiunt ex solo coi-
tu sine ovis, et sine spermate, sicut ostrea
et alii quidam pisces in conchulis degentes
ut dicit Jorath. Pisces inquit per noctem con-
gelari incipiunt aqua, et in terra ex rore matu-
tino concipiunt et pariunt. Quorum quidam
in [illegible] lune stant [illegible] [illegible]
Quidam enim moventur ad [illegible] et ortum
secundum ortum stellarum vel occasum, sicut dicit Jorath
et etiam Ysydorus, unde dicit de pisce qui
dicitur Australis, tunc pisces illius generis
oriuntur quando pliades incipiunt tendere ad
occasum nec apparent quousque pliades
iterum oriantur. Quibus autem piscibus quoniam
nullus tamen genus piscium habet testiculos, sicut
nec aliquod genus serpentum nec aliquod
genus carens pedibus, nec habent mamillas
nec lac preter delfinos qui habent lac et lac-
tant fetus suos diu et parvuli ut dicit Aristoteles
libro 2°. De quibus dicit Ysydorus libro 12° capitulo 6°
Delfines qui et simones dicuntur sic vocantur
eo quod voces hominum sequuntur / Et ad vocem sym-
phonie congregatis conv[illegible] / Et in armo-
nia delectantur, quibus in mari nichil est
velocius. Nam plerumque saltantes naves trans-
volant, quorum saltus et ludus in fluctibus
futuram significat tempestatem. Est et alterum
eius genus in Nillo dorso serrato qui tortua-
tuorum serrantes interimunt corcodrillos Ysydorus.
¶ Item dissiciant genera piscium quoad cibum
modum, nam secundum Aristotelem libro 2°. Illi qui herbam
herbas comedunt et radices plantarum, pisces me-
liores sunt quam comedentes sordes que de civitatibus
proiciuntur ad loca infectionum. In Examero[n]
etiam dicitur differentiam pisces in pastu.
Nam quidam se mutuo devorat, et sua
carne vescuntur, pascuntur. Minor apud illos
esca maioris est / Rursus et ille maior
fit esca alterius predator aliorum / Et cum
alium devoraverit sinendum ab alio devo-
ratur sicut dicit Aristoteles libro 7°. Carabo inquit
vincit magnos pisces et comedit ipsos.
Angwille autem vincunt carabo et comedit
ipsum. ¶ Item idem quidam pisces pascuntur
in cenosis, luteis et luto, sicut carabo, et
propter hoc est ponderosus, et multum de luto in
eo invenitur / Pisces vero qui alios predantur
dentes habent fortiores, sicut et pisces quidam
que [illegible] vocantur, dicit Ysydorus
quod ita habet duros dentes, ut in mari ostreis
vescitur, unde et dentex per granditatem et
fortitudinem dentium appellatur / Alii vero pisces
ut dicitur in Examerone, dentes habent minores
sed plures et densiores et acutiores, ut cito
cibum acceptum incidant, et facillius seu mo-
ra deglutiant, ne cibus in ore diu detentus
aque alluvione auferatur. ¶ Alique et
pisces cibum suum in arena fodiendo querunt
sicut dicit Ysydorus libro 12°. de porco marino
qui vulgo [illegible] dicitur, quia dum escam
querit more suis sub aquis terram fodit,
circa guttur enim habet orificium, et nisi
rostrum arenis infigat pastum non colliget.
¶ Item Aristoteles libro 7°. Pisces pro maiori parte
comedunt carnes et comedunt se ipsos
[illegible] excepto fusta [illegible] / Et uni-
versaliter pisces sunt gulosi et avidi ad
cibum, et precipue piscis qui dicitur [illegible]
et propter hoc extenditur venter suus. Et cum

fuerit [illegible] est malus et se inflat
ventrem suum et credit esse alios pisces
quos in ventre eius pervenit ad os et non
sunt stomacum. ¶ Item diffferunt pisces quo
ad tempus et locum pastus. Nam quidam
pascuntur in aqua quod [illegible] dictum sunt.
Et quidam de nocte sicut ypotami equus
scilicet fluviales sunt dicti, eo quod equo in voce
sunt et iuba sunt similes ut dicit ysydorus.
qui die in aqua moratur et nocte se-
getes depascit. hinc [illegible] gignunt ut
dicit ysydorus. ¶ [illegible] autem hoc dicit
libro 7o pisces plus laborat de die quam nocte
et plus ante media nocte quam post. Et
ideo ut dicit [illegible] venantur ante ascensum
solis. Et tunc ponunt venatores retia quia
pisces non comedunt illa hora. Et cum augmentatur
lux. Odore tamen [illegible]
nocturno tempore odore escarum delectantur.
Et ideo dicit libro 4o quod pisces odorant
et audiunt. Et ideo ad vasa nova quibus
venantur citius accedunt quam ad antiqua nisi
nisi fuerit novum ad vasculum et [illegible] non
accedunt. Capitur autem per odorem [illegible]
ut dicit Iorath. Est enim belua in mari
que de faucibus suis expirat aquam cum
odore odorifero et pisces sentientes aquam
odoris sequuntur ipsum et intrat fauces eius
post odorem quos deglutiens ab ipsis
sic cibantur. Dicit etiam idem quod est quidam
piscis nomine [illegible] in cuius ore aqua sanctissima
dulcescit. quam pisces minores sequuntur
intrant in os eius quos subito recipit et
deglutit. ¶ Item dicit idem quod delphinus
per odorem sentiunt et cognoscunt si homo mortuus
in mari unquam comederit de delphino
quod si comederit comedunt ipsum. Si vero
non comederit a morsibus aliorum piscium servant
ipsum et ad [illegible] rostris suis propellunt
[illegible] ¶ Item
dicit [illegible] libro 7o pisces claras aquas et

[illegible] fedas nisi [illegible]
avis. Et in [illegible]
prope terra [illegible]
[illegible]
tandem fugiunt in profundum [illegible]
vacantur in [illegible]
in profundo. Nam [illegible]
pisces ut dicit idem in eodem. Sunt pisces
qui [illegible]
[illegible] similiter [illegible] fugio
maxime [illegible] sicut
hic [illegible] Nam lapis in capite [illegible]
[illegible] et anguillas [illegible] facilius [illegible]
[illegible] tales pisces. ¶ [illegible]
[illegible] quo ad figuram et dispositionem [illegible]
[illegible] in qualitate. Sunt etiam quedam
[illegible] belluarum genera que [illegible]
sunt equalia ut dicit ysydorus qualis
fuit cetus qui recepit Ionam cuius
alvus tante fuit magnitudinis ut in-
star inferni obtineret iuxta illud dicentis
prophete de ventre inferi [illegible]
[illegible] pisces tam parvuli quod [illegible] hamo
capiuntur ut dicit ysydorus libro 12o [illegible]
est [illegible] hamo
capi non potest. [illegible] dicit [illegible] est piscis
piscis parvus [illegible] sub [illegible]
est dictus quis [illegible] sit [illegible]
maxime [illegible] Nam cum
magna [illegible] navis
[illegible] ventis [illegible] et
procellis [illegible] in mari non movetur
videtur non [illegible] tantummodo [illegible]
tendo. [illegible] appellaverunt
eo quod [illegible] ut dicit [illegible]
¶ In [illegible] dicit [illegible] pisces quod [illegible]
procellas [illegible]
et tamquam [illegible] fluctibus [illegible]
Et non [illegible] se librat [illegible]
[illegible] et contra futura tempestatis
stabiliter. Quod videntes nautae sibi [illegible]
[illegible] sicut dicit Ambrosius.

Et [illegible] [illegible] q[uod] femina piscis est
lo[n]gior [illegible] sunt duriores
carnes [illegible] masculi est durior
[illegible] p[ri]us no[n] [illegible]
[illegible] q[uod] [illegible]
[illegible] [illegible] est magni valde
[illegible] carnes valde dura [et] [illegible] et
in [illegible] no[n] est nimia pinguedo vel
[illegible] [illegible] non est malus sapor
aut odor [illegible] eius saporis sunt [illegible]
[illegible] [illegible] pingues [et] [illegible]
[illegible] [illegible] pinguedine [illegible] grossa
[illegible] [illegible] Et quibus no[n] accidit post
[illegible] [illegible] [illegible] Et illa q[ue] [illegible]
[illegible] carnes [illegible] [illegible]
Et in illis qui sunt dure carnis est ille
melior qui minus durus est et in illis
qui sunt molis carnis, ille est melior
qui minus est molis. Ex quo p[atet] diver
sitas in piscibus quo ad [illegible] et [illegible]
Carnis piscis sicut dicit idem [illegible]
frigidus est et humidus [illegible] [illegible]
in co[m]paratione piscium [illegible] [illegible] [et]
marine q[ui] sunt salsi [et] [illegible] [illegible]
valde [illegible] [illegible] aquosi sunt
[et] [illegible] [illegible] [illegible]
nisi stomacho valde calido [illegible] non magis
[illegible] Et [illegible] magis [illegible]
[illegible] [illegible] piscium [illegible] [illegible]
morsu canis rabidi et [illegible]
et [illegible] carnis [illegible] in ulce
[illegible] [illegible] [illegible] putridis et [illegible]
[illegible] [illegible] piscis [illegible]
[illegible] [illegible] [illegible]
[illegible] sicut dicit [illegible] Sed hec dicta
de [illegible] qualitate et [illegible] sufficiant
[illegible] [illegible] pisces in [illegible] [illegible]
[illegible] [illegible] multi enim sunt
plurimi [illegible] [illegible] enim [illegible]
plurima astutia [illegible] [illegible]
insidias piscatoris ut dicit ysydorus li[bro] 12

[illegible] [illegible] est piscis [illegible] multum
[illegible] [illegible] [illegible] dispositas piscatoris
insidias [illegible] retrorsum reddit [illegible]
ita [illegible] [illegible] transsilit [illegible] [illegible] ab
astantibus [illegible] [illegible] [illegible]
de Escaro q[ui] escarus dicitur [illegible]
pisces solus escam ruminare [illegible]
[illegible] [illegible] est ingeniosissimus [illegible]
[illegible] [illegible] sportulam piscatoris [illegible]
ex fronte [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] laxare [illegible] atque
ita retrorsum reddit [illegible] [illegible]
si Escarus alius [illegible] [illegible] videt
et eum [illegible] [illegible] [illegible] [illegible]
eius in ore [illegible] prout pot[est] ipsum
liberare et [illegible] [illegible] [illegible] dicit et
Congrus cum [illegible] [illegible] ingeni
osus est [illegible] escam acquirit Nam
cibum in hamo appositum [illegible] [illegible]
[illegible] no[n] morsu [illegible] [illegible] hamum
[illegible] [et] no[n] prius ipsum dimittit [illegible]
[illegible] [illegible] Cancer v[er]o ostreis [illegible]
[illegible] [illegible] carnibus vivit miro
ingenio. Nam q[uia] forte et validam eius
testam aperire no[n] pot[est] [illegible] [illegible]
ostrea clausa testa [illegible] aperit et
tunc cancer qui latitat in insidijs [illegible]
lapillum [illegible] ne ostreum claudi possit
Et ita impedita clausura carnes ostrei
devorat et corrodit / Ostrea aut[em] a testa
sunt dicta qua interior carnis mollis
munitur. [illegible] enim ostream testam [illegible]
Et dicit [illegible] pisces cum sua testa
ostreum in [illegible]. Sed ostrea in [illegible]
[illegible] [illegible] dicit[ur] etiam talis piscis [illegible]
et [illegible] q[uia] [illegible] luna [illegible]
Luna enim cum in augmento fuit [illegible]
humorem [illegible] diminuit no[n] humor cum
luna fuerit in [illegible] Et [illegible] pisces in
[illegible] in luna [illegible] [illegible] et
in defectu [illegible] [illegible] [illegible] [illegible]

procreat grana margaritarum de quibus dicit plinius
multi sunt qui de animantium scripserunt na-
turis quod nocturno tempore littora petunt et a
celo rore margaritas concipiunt. unde et calcos
[illegible] margaritis [illegible] ethereo [illegible] dicitur [illegible]
quidem [illegible] preciosus calculus solidatur et est
nobilissima gemma que ex rore [illegible] generatur
quanto albior est et lucidior tanto est
[illegible] [illegible] [illegible] et quidam generalis sunt
genere [illegible] dicte ab asperitate et amenitate
que alio nomine [illegible] dicuntur quod [illegible] sicut
lacrimas purpurei coloris emittunt [illegible]
quibus purpura coloratur. Et ex hoc ostrum
est appellatum quod ex [illegible] [illegible] tinc-
tura ut dicit ysydorus [illegible] et multas species
proprietates et naturas in libro plinii [illegible]
in ysydoro et exameron [illegible] et ba-
silii potentis reperire [illegible] tedium inferam
legentibus et hec ista hic sufficiant. ¶ Ce-
rucij piscis ut dicit ysydorus libro 12°. quod pisces
sunt in aquis exhibentur ex quibus multa quedam
nature intellectu [illegible] [illegible] [illegible] [illegible]
sunt quedam in suis locis sunt [illegible] [illegible]
quedam sunt temporibus observantur [illegible]
Quedam earum commixtione masculi et femine
concipiunt catulos ut cetus, [illegible] autem cetus
et balena et sunt belluae immensae magnitudinis
belluae ab emittendo et fundendo aquas sic
vocatae. Altius enim aliis marinis beluis
altius iaciunt undas. Balena enim emittere di-
Cete autem dicuntur a cete id est immanitate ut dicit
ysydorus libro 12°. Venit enim in libro [illegible]
Cetus habundat in spermate et post coitum
cum femina quod superfluit supernatat aque
Quod collectum et desiccatum in ambra [illegible]
tur. Cum autem multum ex eo vaporem
odoriferum ad modum odoris ambre ex ore
suo emittit in quo pisces delectantur et propter
odoris redolentiam ipsius orificium ingredi-
untur et sic decepti ab ipso devorantur.

¶ In hoc pisce ut dicit [illegible] [illegible] [illegible]
durat [illegible] quod aqua et [illegible] [illegible] [illegible]
[illegible] est et pinguedinem [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
Ad quam si [illegible] [illegible] [illegible]
sunt parvulo ad [illegible] [illegible] [illegible]
tantum [illegible] [illegible] [illegible] [illegible] deficit
quod ipsam alii obruunt [illegible] [illegible] [illegible]
tota est pinguedinibus quod quidem [illegible] [illegible]
[illegible] venabulis sunt [illegible] [illegible] [illegible]
[illegible] [illegible] prius [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
quod amaritudinem aque [illegible] [illegible] [illegible]
[illegible] ¶ Cauda autem [illegible] [illegible] [illegible] quod quin-
[illegible] tota [illegible] ex sua [illegible] [illegible]

¶ Catullos suos miro amore diligit et
eos in pelago [illegible] [illegible] [illegible] [illegible]
eos ab [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] aque multitudinem in ore [illegible]
super eos fundit et sic eos a periculo liberat
[illegible] profunditatem pelagi [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
qui [illegible] tempestas fetus suos [illegible]
[illegible] [illegible] in ventre suo [illegible]
quos [illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] ut dicit ysydorus [illegible] [illegible]
dicit [illegible] [illegible] [illegible] [illegible] pisces
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] pisces [illegible] [illegible] qui si [illegible]
[illegible] [illegible] pisces [illegible] [illegible] [illegible]
si non potuerit ille pisces [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] in aqua [illegible] [illegible] [illegible]
fumo odorifero de ore emisso fetidum
odorem [illegible] et sic se et suos prote-
git et defendit

¶ Sequitur tabula presentis operis secundum libros.

¶ Primus liber tractat de deo et habet capitula

De deo. primum capitulum / 2m de uno deo solo et trinitate / 3m de trinitate dei / 4m de eius eternitate et gloria / 5m de nominibus dei / 6m de cognitione divine essentie / 7m de divinis nominibus / 8m de essentialibus nominibus attractis dei / 9m de nominibus convertibilibus essentiam significantibus / 10m de medijs nominibus dei / 11m de attractis nominibus dei / 12m quod connotant attractiva nomina dei et multa alia capitula de nominibus dei et ad deum pertinentia

¶ 2s liber de proprietatibus angelorum

De nominibus angelorum / De proprietatibus angelorum et yerarchijs

De primo ordine angelorum scilicet seraphin

De 2o ordine angelorum scilicet cherubin

De 3o ordine angelorum scilicet tronorum

¶ De 2a yerarchia que habet tres scilicet principatus potestates et dominationes

¶ De 3a yerarchia que habet tres ordines scilicet virtutes archangelorum et angelorum.

¶ 3s liber tractat de homine et primo de anima ac eius diffinitionibus ac potentijs eius

De divisione anime que est vegetabilis sensibilis et rationabilis.

De virtute naturali vitali

De cerebro et partibus eius

De virtute sensitiva

De formatione visus de visu directe

De virtute audibili

De olfatu et odoratu

De gustu et tactu

De diffinitione spiritus

De pulsibus et eorum proprietatibus et varietate eiusdem.

¶ 4s liber tractat de proprietatibus humani corporis et partium eius

De 4or elementis / de calliditate frigiditate humiditate et siccitate

De cibo et vario potu

De humoribus et eorum qualitatibus

De sanguine et proprietate eius

De flate et eius proprietatibus

De colera et eius proprietatibus

De malencolia et eius proprietatibus

¶ 5s liber tractat de proprietatibus hominis.

De capite hominis et eius proprietatibus

De cerebro et caluaria

De oculis capitula duo

De pupilla oculi et cilijs ac supercilijs

De aure et naso

De genis et mandibulis

De labijs et mento

De ore et dentibus

De lingua et saliva

De voce et gutture

De collo et humeris

De brachijs manu et digitis

De ungula et latere

De dorso et pectore

De mamillis et pulmone

De corde et hanelitu

De stomaco et epate ac felle

De splene et visceribus

De renibus ac vesica

De urina ventre ac umbilico

De genitalibus matrice ac natibus

De genibus cruribus ac pede

De planta pedis calcaneo et ossibus

De medullis cartilagine et nervis

De venis et arterijs carne ac pinguedine eius.

De cute et pelle ac capillis.

¶ 6s liber tractat de etate hominis secundum varietatem etatis status ac sexus.

160a

Laus deo Amen.

Incipit liber decimusquartus in quo continetur de proprietatibus corporis infimi et opaci Et hoc est tam in generali quam in speciali · Corpus autem infimum est terra respectu celi

Post p[re]dicta aut[em] divina opera [gra]tia compleat[ur] est tractatus de proprietatibz corporis supremi luminosi · s[cilicet] celi et corporis hu[ius] [illegible] lucidi perspicui et dyaphani · s[cilicet] ignis · de aere · aque

Ultimo dicendum est de proprietatibz corporis infimi et opaci Et hoc tam generali quam in speciali Corpus aut[em] infimum et extremum est ipsa terra q[uan]tu[m] ad celum de cuius proprietatibus eciam aliqualia sunt huic opusculo inserenda / Et hoc quo ad eius substantiam qualitatem / contentum sive ornatum

Continet autem in se intus pro ornatu omnia metallorum et mineralia / sicut lapides et metalla / Extrinsecus vero sensibilia ut bestias et iumenta / et vegitabilia ut herbas plantulas et arbusta / de quibus omnibus ponentur sunt aliqua in hoc tractatu / prout de eis scriptura videtur in superficie facere mentionem / Simplicia aut[em] in fre[quentibus] omnibus nota / reduntur hic pro simplicibus de hiis sufficit / Et isto de illa pauca hic recitantes / maiora maioribus / subtiliora subtilioribus relinquam[us] hoc aut[em] in principio huius opusculi volumus protestari quod parum aut nihil de meo hic apponimus sed auctoritates sanctorum et aliorum philosophorum dicta simpliciter in predictis et in sequentibus per ordinem inseremus

De terra in generali [illegible]

Terra [illegible] ysidorus [illegible] est in medio [illegible] omnia posita ab omnibus partibus celi [illegible] equaliter [illegible] singulare numero totum orbem significat [illegible] plura [illegible] singulas eius partes est dicta terra ut dicit [illegible] a sumendo [illegible] terit. hec et humus dicitur a materia humida [illegible] dicitur et tellus [illegible] tollimus dicitur et ops [illegible] Eadem dicitur arida vel quia arature vel culture est apta vel quia ab aquis [illegible] proprie est destructa · [illegible] humida [illegible] hoc ab aquis [illegible] sicut ibi dicit ysidorus · Proprietates autem describit Basilius in exameron sic dicens Terra inquit est corpus infimum et medium equalibus spatiis a celo circumsitum Et ideo celi a sapientibus est vocatum centrum et omnium corporum est corpulentissimum de [illegible] et simplicitate huius [illegible] Alterum mundi fundamentum corpus natura frigidum et siccum [illegible] quantum ad celum minimum quamvis in se maximum qualitatis obscurum in se opacum figuratione [illegible] non nisi aque [illegible] undique totum quietum [illegible] in suis partibus susceptibile [illegible] alia [illegible] predicta de [illegible] dictum est [illegible] quod in corpore mundi minima [illegible] huius elementi quod minima apparet in [illegible] opus divinum potentie [illegible] quod dicit [illegible] suo [illegible] terram tangere quantum magnitudinis et pulchritudinis celi [illegible] terre dicunt sapientes [illegible] quamvis quantum ad celestia corpora sit infimum tamen luminarium celestium influentie [illegible] susceptiva / Et ideo fecundissima est [illegible] et [illegible] productiva · Cum enim sit celi centrum

In omni sua parte ab ipso corpore [illegible] quod minus nobilitatis [illegible] in sua superficie recipiat in centro et virtute sua quae nobiliores producit [illegible] aliquas partes ipsa aliquid pro ornatu huius mundi sensibilis [illegible] terra non pro ornatu [illegible] producit vegetabiles sensibiles et irrationabiles creaturas, ut dicit Ysidorus [illegible] et ad hoc [illegible]. Terra etiam ut dicit philosophus est propriis equilibrata ponderibus, quaelibet enim suarum partium suo pondere nititur ad mundi medium, ex quo visu et inclinatione singularum partium tota terra circa centrum equilibrata suspenditur et equaliter immobilis [illegible], sicut scriptum est: Qui fundasti terram super stabilitatem suam etc. Et ideo secundum Ysidorum libro xi° dicitur solum quia illud maxime est solidum cuiuslibet corporis [illegible] subsistens totam molem. Unde [illegible] superius mota, quoniam terra stabilis [illegible] permanet [illegible] ad terram quietatur. Propter insignes autem [illegible] terrae [illegible] et effectus nobiles eos gentilium antiqui [illegible] terram deam [illegible] et tam divinis honoribus antiquitus [illegible] colere constituerunt, sicut tangit Ysidorus in libro viii° in tractatu de diis gentium et demonibus capitulo 13°. Cererem deam [illegible] antiqui terram [illegible] frugibus [illegible] dictam, eo quod omnia [illegible] et [illegible] omnia indigentia alimento. Nam terra mater est [illegible] quia nullum vegetabile [illegible] nisi in terrestri substantia [illegible]. [illegible] etiam ops est dicta, quia melior sit terra [illegible] opere [illegible] operum virtus [illegible] divinus creatura

Dicta est etiam dea vesta, vel quia stat vi sua, vel quia herbis et arboribus sit vestita, ut dicit idem. Terra enim [illegible] in hyeme [illegible] ab [illegible] in vere et in estate diversis herbis et floribus ornatur et vestitur [illegible] etiam tanta [illegible] figurata fuit et ymago magna [illegible] alma mater [illegible] cuius [illegible] corona posita super [illegible] in una manu portabat clavem, in alia [illegible] cimbala [illegible] gallimarius [illegible] Magna [illegible] dicta terra, eo quod plurima pariat et omnibus mortalibus cibum [illegible]. Mater etiam alma, eo quod omnia animalia [illegible] ut dicit Ysidorus. Corona turrita in capite gestatur, dicitur quia [illegible] civitatibus supposita significatur. In curru rotato vehitur quia ipsa terra pendet in [illegible] aere in quo sustinetur. Sedet autem in curru volubili quia cum omnia moveantur sola dicitur illa non moveri. Et illi leones subiciuntur mansueti, ostendit nullum genus esse tam ferum quod in morte non [illegible] a terra possit vel superari. Et clavis in manu eius fingitur, per hoc ostenditur quod terra in hyeme clauditur et ut nascantur fruges in vere aperitur. Et autem [illegible] dicuntur galli [illegible] ostendit quod volatilia indigent [illegible] terre. Et ideo aves opus eam sequi et ad eam [illegible] ut in ea possint [illegible]. Sonitus autem cimbalorum designat in [illegible] agris strepitus ferramentorum vomerum et ligonum. Et ideo [illegible] antiquus [illegible] terra [illegible] invenitur ut dicit Ysidorus. Et eius ministri [illegible] gladiis [illegible] designat quod pro terra [illegible] vel [illegible] bella committuntur in quibus gladii [illegible]. Hiis et aliis multis modis describitur [illegible] terre sub figmento fabularum sicut

idem [illegible] ysido[rus] [illegible]. Quia aut[em] terra est
summe sicca et stabilis, item [illegible] sicut [illegible]
[illegible] elementa est [illegible]
item [illegible] frigida quosda[m]
[illegible] vapores [illegible] quos
[illegible] et [illegible] vulcano [illegible]
[illegible] dicit idem, [illegible]
terra [illegible] sit [illegible] et [illegible]
[illegible] multa [illegible] [illegible]
quada[m] [illegible] celestis [illegible]
[illegible] interioribus terre [illegible] et nobi-
lia metalla [illegible] et terre [illegible]
[illegible] sub quada[m] [illegible]
occultat. ¶ Item terra [illegible] undique [illegible]
et [illegible] [illegible] et [illegible]
[illegible] p[er] occultos meatus [illegible]
nales [illegible] dissolut[a] [illegible] in pulverem
redigat[ur] ut dicit beda. ¶ Item terra [illegible]
sit in suo toto solida [illegible] situm [illegible]
quelibet pars ad [illegible] sit [illegible]
tamen p[er] admixtione[m] [illegible] et [illegible]
in aliquibus sui partibus fit rara et porosa
[illegible] et spongiosa. Cui[us] [illegible]
[illegible] vapor ventosus [illegible] intrans [illegible]
commovet et agitat et generat terre motum
sicut dic[it] [illegible] in [illegible] methaur[orum]. [illegible]
[illegible] in [illegible] terre agitatus
[illegible] agitatione[m] [illegible] terremot[us] [illegible]
[illegible] sicut fit sonit[us] [illegible]
[illegible] in aere, ita fit sonit[us] [illegible]
[illegible] agitationis [illegible] occultati [illegible]
[illegible] est significatio [illegible] quod [illegible]
[illegible] scindat[ur] terra et [illegible]
[illegible]. Item [illegible] dicit [illegible] in
locis ubi fit [illegible] maris [illegible] et
agitatio undarum [illegible] in locis multarum [illegible]
[illegible] fit [illegible] terremot[us] [illegible]
[illegible] in [illegible] insulis [illegible]
elevari terra ad [illegible]
[illegible] est ille locus et [illegible] ventus
[illegible] civitatem. Cui[us] [illegible]

[illegible] est [illegible]
terremotu[m] [illegible]
[illegible] motus [illegible]
[illegible]
[illegible] terra [illegible]
[illegible] sequitur [illegible] in terre
motus [illegible]
solis [illegible]
[illegible] vapor qui [illegible] terremotus.
Item [illegible] vegetabilia [illegible] terremot[us]
in locis [illegible] non fit [illegible] cavernos[is]
et [illegible] superficie duris sicut [illegible] loca
montium, quia [illegible] loca in superficie [illegible]
fuerint [illegible] paulatim non [illegible]
tanta [illegible] vaporum ut possit [illegible]
facere [illegible] in locis [illegible] et [illegible]
[illegible] extrinsecus [illegible] atque duris [illegible]
[illegible] vaporis fit agitatio fortis ita [illegible]
scindit terra [illegible] in locis [illegible] petrosis
non accidit [illegible] terremot[us] propter vapores
[illegible] [illegible] in locis valde duris
[illegible] propter [illegible] propter [illegible]
vapor [illegible] non [illegible] accidit
in locis [illegible] cavernos[is] [illegible] duris [illegible]
[illegible] ¶ Item terra [illegible]
sit elementum [illegible] et toto et
in partibus uniformis, [illegible] propter aliarum
qualitatum elementorum [illegible] admixtione[m] [illegible]
[illegible] et [illegible] [illegible]
[illegible] dispositione[m] [illegible]
variat [illegible] sapore[m]. [illegible] accidit
[illegible] causis [illegible]
[illegible] et [illegible]
[illegible] sapidior [illegible].
Quod ut dicit [illegible] accidit propter [illegible]
solis [illegible] in locis [illegible]
in aliis. [illegible] est in vallibus
[illegible] montanis [illegible] maior fit [illegible]
[illegible] et [illegible] propter [illegible]
ad [illegible] in locis [illegible]
[illegible] dispo[sitionem] [illegible] et [illegible]

[illegible]

Quod si non diu otiosa dimittitur, iterum erit ad productionem fructuum reddita minus apta. Item bona terra si inter commixta fuerit aut coaluerit indificitur in minimum et meliorat. Si vero arenosa fuerit aut multum lapidosa peior efficitur ex solis induratione.

De monte in generali.

Mons est tumor terrae in altum se erigens solo post reliqua sua tangens. Unde dicuntur montes eo quod se supra terram aliam eminentes ut dicit [illegible]. Dicit autem Albertus in libro de proprietatibus elementorum. Quidam dixerunt quod terra in principio suae compositionis fuit rotunda et aequa in qua non fuerunt montes neque valles, quod erat simile ita in figura sicut corpora sphaerica. Unde vallium et montium causa non est nisi commotio aquarum quae cavaverunt loca rara, et facti sunt montes duriores partes quae non potuerunt cavari. Loca vero cavata facta sunt marium et fluminum [illegible]. Idem autem dicit in libro meteororum. Montes in quantum fiunt quandoque ex vehementi terrae motu. Unde elevatur terra et fit mons, sicut ex aquae cursu accidit cavatio profundi et fit vallis. Item ubi maris quosdam excessus et recessus quaedam loca cavat, quaedam extollit, et fiunt montes. Et quia mare totam terram cooperuit, abluit mollia quaedam abrasit, et dura reliquit, et in quibusdam locis congessit mollia, et quaedam congesta cum abscedit desiccata sunt, et in montes conversa. Item montes itaque sunt dura solida et compacta a terra sub eis cooperti, et tamen in terra radices sunt quieti. Quia tamen sunt interius spongiosi cavi et cavernosi, et ideo ad se recipiunt humiditatis quas attrahunt atque sugunt, quas postquam fuerint compugnantiae gravitate [illegible] capita fontium emittuntur, et sic sunt causa sempiterni fluxus et ortus fluminum ut dicit [illegible]. [illegible] quod montes cavernosi sunt aquarum et [illegible] [illegible]

continue rursum. Item sunt montes me-
tallorum nobilium continentia profundiora
in montium venis metalla nobiliora
reperiuntur. Item montes sunt fructuum
et aromatum productivi propter puritatem
terre et aeris in summitate montium. Quoniam
preciosiores fructus et dulciores nascuntur in
montibus quam in vallibus licet pauciores. Item
montes sunt citius quam valles radiorum suscep-
tivi et susceptos illuminationis diutius retinent.
Item montes sunt vaporum et stillicidiorum in-
generativi, ex quibus frequenter nubes in
aere generantur. Sed in altissimis tamen montibus
ut in Olimpo raro generantur pluvie ut
dicit [illegible] quod est propter aeris subtilitatem
et vaporum paucitatem, quoniam vapores
resolvuntur et consumuntur antequam ad cacumen
montium attingere videantur. Item montes
ventis et turbinibus sunt expositi plus quam
valles, et ideo frigus in montibus dominatur
durante sed minimum continuatum. Ventis ita
frigidis in montibus congelantur et conti-
nuantur. Et ideo diutius in montibus quam in
vallibus nives commorantur, ut patet in Cau-
caso et in Libano et consimilibus montibus qui
semper, teste Ysidoro, et ceteris montibus can-
didantur. Item montes sepius patiuntur
ictus fulminis et fulgures quam valles ut
dicit Ysidorus. Unde et quidam montes a
crebris fulminum ictibus nuncupantur.
Per ceraunon enim ignis dicitur, unde multi
et ceraunia montes a crebris fulmini-
bus sunt predicti, quia ceraunos ful-
men dicitur ut ibidem dicit Ysidorus. Item
montes quia sui situ sunt sublimes
maxime conveniunt speculationi, unde et qui
adventum hostium timent, et [illegible] capi-
unt cacumina montium ascendere et
eminentia pericula a remotis prospicere
et predicere consueverunt. Item montes
quo quanto ad materiam et compositionem partes solidi

sunt et fortes, ideo propter [illegible] [illegible]
castrorum edificia in [illegible] [illegible] in
montibus solent et civitates [illegible]
maxime quia [illegible] non possunt
succedere nec propter [illegible] [illegible]
possunt faciliter [illegible]. Item montes
qui in herbis fructibus et [illegible] [illegible]
et arboribus ideo conveniunt pastoribus et ad
refectionem armentorum pascua et [illegible]
mina in montibus [illegible] et salubriora
et [illegible] armentis [illegible] [illegible]
et [illegible] in vallibus [illegible] [illegible]
pinguiora [illegible] humore [illegible] montes
quia [illegible] herbe [illegible]
[illegible] subtilior est et purior [illegible]
et ideo [illegible] illa [illegible] facilius
digerit et in [illegible] armentorum [illegible]
[illegible] permutat [illegible]
humoris subtilitate tum etiam propter [illegible]
ibidem aeris puritatem. Item in montibus
habundant altiores arbores quam in vallibus
et fructus uberiores. Item montes conti-
nent [illegible] agrestium [illegible]
silvestrium [illegible] propter quod [illegible]
[illegible] in vallibus [illegible]
[illegible] ad [illegible] et ibi sunt tuta.

## De monte Ararath.

Ararat mons est Armenie altis-
simus in quo archa post diluvium
requievit ut dicit Ysidorus libro xiiii. Unde hodie-
que archa vestigia in eisdem mon-
tibus adhuc apparere dicuntur. Sed
mons diversis nominibus [illegible] hunc eum
montem dicit Josephus [illegible] locum igitur
[illegible] egressus est Noe [illegible]
[illegible] vocant. [illegible] archa [illegible]
[illegible] reliquias adhuc [illegible]
et archa ut dicit Josephus [illegible]
[illegible] Chaldeus narrans
[illegible] [illegible]
[illegible] archa [illegible] adhuc

de monte ararath

Aliqua [illegible] et quedam sunt bituminis [illegible] ad expugnandum [illegible] et domum egyptiis [illegible] historia [illegible] ad armenia [illegible] in quo [illegible] fuerunt [illegible] diluuii tempore liberatos. Et quedam [illegible] in montis [illegible] reliquias [illegible] multo [illegible] montes [illegible] propter altitudinem et [illegible] [illegible] pressionem. [illegible] [illegible] latine dicit ut dicit ysydorus [illegible] armenia et [illegible] montium a [illegible] usque ad [illegible] fluuii [illegible] ut dicit ysydorus

De montibus bethel

Montes bethel sunt in iudea [illegible] ubi domus domini fuit sub [illegible] edificata. Sunt autem montes bethel nemorosi arboribus consiti fertiles et fecundi [illegible] et herbis aromaticis [illegible] [illegible] hyemali [illegible] montium [illegible] [illegible]

De caucaso monte

Mons caucasus est mons [illegible] ab [illegible] [illegible] [illegible] montes illos [illegible] [illegible] [illegible] [illegible] ut dicit ysydorus [illegible] [illegible] [illegible] caucasus dicitur [illegible] [illegible] caucasum [illegible] [illegible] [illegible] [illegible] ut dicit [illegible]

De monte ebal

Mons ebal est mons [illegible] in quo [illegible] sex tribus post iordanis transitum ad maledicendum illis qui [illegible] [illegible] Et est mons ut dicit [illegible] et [illegible] [illegible]

conuerdat [illegible] [illegible] [illegible] [illegible] mons maledictionis [illegible] quo mala [illegible] [illegible] imprecabantur. Et [illegible] et mons [illegible] et [illegible] tribubus [illegible] [illegible] super montem ebal ad maledicendum [illegible] deputat ut habetur [illegible]

De monte hermon

Hermon est mons modicus supra iordanem [illegible] in herbis et pascuis [illegible] Nam [illegible] radice eius fuit [illegible] fluminis iordanis [illegible] [illegible] [illegible] eius fuit [illegible] [illegible] [illegible] et [illegible] et ex [illegible] aquis [illegible] [illegible] et [illegible] propter quod ibi nutriebantur pecora, que templo [illegible] domino et offerri. Et [illegible] [illegible] ex [illegible] fluuiis herbis [illegible] montis [illegible] in monte syon. [illegible] in atrio templi offerebantur. Ideo dicitur [illegible] [illegible] [illegible] [illegible] hermon descendit in montem syon quod ad [illegible] [illegible] non potuit [illegible] mons syon monte hermon altior [illegible] [illegible] et ab eo [illegible] [illegible] [illegible] pro tanto igitur [illegible] montis hermon dicitur descendisse in syon [illegible] pinguedines et adipes [illegible] qui in illo monte pascebantur ad pastum ignis altaris in iherusalem in sacrificio offerebant propter quod et hermon lumen [illegible] [illegible] [illegible] [illegible] super [illegible] [illegible] in altari [illegible] [illegible] ignis sacrificii tale pabulo [illegible]

De monte ebron

Mons ebron mons est in iudea ut [illegible] [illegible] iosue in quo est sita ciuitas famosissima ab eiusdem montis nomine ebron [illegible] dicit Rabanus dicta eius [illegible] dicitur uallis mabre que ab antiquo [illegible] [illegible] [illegible] est [illegible]

[illegible] [illegible] hic mons

est locus sepulturis [illegible] spata
archon quorum corpora ibidem qui a [illegible]
da pro requiescunt ut dicitur gen.
[illegible] maxius etc. Iste ille mons
potentissimum vero iure hereditario pos
sedit ut patet in Iosue xv°. f. Ubi de de
levit etc. in caleph filios enach sessay
et Achyman et Tholomay etc. Item in
hoc monte qui in loco tuciori dicitur prin
cipium regni david institutum et ei ut
[illegible] post mortem saul. dicitur fun
davit ubi septem annos spacio regnans
tandem ad totum regnum israeliticum fastigium
assumptus fuit. Iste mons ab antiquis pri
mitus cariatarbe nuncupatur i. civitas
quatuor quia notatissimorum virorum quatuor corpora
ibi requiescunt ut dicit ysidorus s. Adam Abraham
ysaac et Iacob.

De montibus ethiopie

Montes ethiopie dicitur esse septem
inter quos precipuus mons athallus
dicitur. Ethiopia enim ut dicit ysidorus li.
xiiii°. ca. 4° circa occidentem montuosa est et
arenosa, in medio ad orientalem quia pla
gam deserta. Cuius situs ab occiduo athla
ntis montis usque in egyptum fines por
rigitur. A meridie occeano, a septentrione
vero Nilo flumine clauditur. Hec regio
montana sicut et alias plurima pertinuit
hec gentibus vultu et monstruosa species hor
ribiles fertur que et spiritu certa sunt
multitudine. Illic nascitur bestia s. uni
cornix, ibi gemelli et pardi basali
sci et draccones ingentissimi, ex quorum
cerebro gemme extrahuntur. Iacinctus quoque et cri
sopassus ibi inveniuntur et cinamomum
colligitur ibi gignuntur sicut fere sicut
dracones stuciones et symie et etiam
ellephantes huiusque ysidorus. Dicitur autem
ibidem quia vicina tunc vires et Ethyopia est
[illegible] que [illegible] calore dicitur et calet

figuram montis [illegible] [illegible] et fontium
aliorum

De ethna monte

Ethna mons [illegible] insula
a quo [illegible] [illegible]
[illegible] in circuitu [illegible] ysidorus li.
xiiii° ca. 8° hic mons [illegible] [illegible]
[illegible] [illegible] [illegible] sortiuntur
plenas sulphuris et [illegible] ad mare deductas
[illegible] spelunca [illegible] [illegible] fluctibus
[illegible] qui agitet [illegible] ignem [illegible]
[illegible] etiam [illegible] fumosum.
ab hoc monte [illegible] [illegible] sicut
ibidem dicit ysidorus, in hoc etiam monte semper
[illegible] apparent quedam figure et audiuntur
et semper ab incolis terre circa montem
ethneum gemitus et voces [illegible].
[illegible] [illegible] [illegible] sunt loca
[illegible] in quibus ut aliqui [illegible]
sicut [illegible] [illegible] in dyalogo [illegible]
[illegible] [illegible]

De monte Esau

Mons Esau idem est quod mons Seyr
in hoc monte est civitas Idumea
ab [illegible] dicta, ab Esau filio ysaac
[illegible] illam dicitur primus construxisse ut
dicit Ieronimus super Abdia, Nam Esau Seyr
et [illegible] appellatus est ut dicit glo. super
deut.° Seyr inquit est mons in terra [illegible]
in qua habitavit Esau in regione Gaba
lena. Ubi primo habitabat [illegible] quem
[illegible] [illegible] [illegible]. ut habetur gen. xiv°.
Et hic mons ab Esau piloso vel hispido
Seyr i. pilosi nomen accepit. Istum montem
primo inhabitaverunt [illegible] homines statura
gigantes [illegible] corporis horribiles
ut dicit glo. super deut.° Quibus expulsis
atque deletis inhabitaverunt ibi filii Esau
ut dicitur deut.° 2°. Montis itaque [illegible]
[illegible] altissimi [illegible] [illegible] in aliquibus

[illegible] tamen [illegible] aut
aut mo[illegible] [illegible] meum et
sp[illegible] [illegible] glo[illegible] sup[er] ubi illa
in quibus [illegible] [illegible] quia
ibi [illegible]

De monte effraym

Mons effraym [illegible] dicebatur mons
in tribu effraym in quo Josue
filius [illegible] possidebat ut pz Josue
19° in quo edificavit civitatem et habitavit
in ea. [illegible] regionis illius
montis [illegible] dicit Adam. Erat
mons iste herbis et arboribus [illegible]
et fuit [illegible] [illegible]
[illegible] salubrior [illegible]
fontium montem [illegible]
[illegible] [illegible] ut in eo [illegible]
dictus est Josue [illegible] ut dicit [illegible]
adam. ¶ In [illegible] monte a septentrionali parte
montis Josue est sepultus ut de Josue
24. Erat eciam mons iste [illegible]
q[uia] erat civitas refugij [illegible]
in monte effraym ut pz Josue [illegible]
sepulta [illegible] Joseph ut dicit Josue [illegible]
in eodem eciam monte [illegible] Josue
cultros seu machera[illegible] quibus
filios israel in [illegible] [illegible] ut
dicit Adam. sup[er] Josue [illegible] ¶ [illegible]
in monte effraym [illegible] pro
[illegible] et [illegible] sup[er] [illegible]
[illegible] bethel et rama ut pz [illegible]
[illegible] [illegible] eciam montes [illegible]
[illegible] [illegible] mons effraym [illegible]
effraym [illegible] [illegible] fuit [illegible]
[illegible] [illegible] [illegible]
[illegible] ut pz Josue [illegible] [illegible]
monte [illegible] sunt [illegible]
[illegible] [illegible] ad [illegible]
[illegible] fluvium [illegible]
Judicum [illegible] mons effraym

[illegible] et fuit samuel propheta ut habetur [illegible]
[illegible] et [illegible] [illegible] ab eo in
[illegible] Saul in regem primo
est [illegible] ut [illegible] [illegible]
et [illegible] samuel mortuus est et se
pultus ut [illegible]

De monte phasga

Phasga mons est maximus [illegible]
in se multos [illegible] montes
[illegible] mons [illegible] abarim et nebo q[uia]
[illegible] sup[er] quos ascendit moyses ut
videret terram [illegible] promissionis antequam
moreretur. Et [illegible] valle montis [illegible]
in campestribus moab tumulo traditus
ut pz [illegible] 27° et deut° ultimo. hic mons
fuit in finibus amoritarum et moabitarum
[illegible] terram regum a terra [illegible]
[illegible] quam [illegible] possiderunt Ruben
et gad. et dimidia tribus manasse ut pz deut°
3° [illegible] in textu [illegible] [illegible] mons
[illegible] terram quam [illegible]
[illegible] et [illegible] amoritis [illegible] terra
quam in possessionem acceperunt [illegible]
usque ad [illegible] montis [illegible]
moyses et ex illo loco totam terram
promissionis fuit contemplatus ibique
mortuus est et in valle [illegible]
ubi fuerunt campestria moab sepultus
est et usque hodie [illegible] ¶ Sup[er]
istum montem [illegible] ascendit balaam
[illegible] cum balach rege moab [illegible]
[illegible] maledixerit cuius maledictionem
dominus convertit in benedictionem [illegible]
23° [illegible] quo pz quod mons iste fuit mons
[illegible] [illegible] malorum et
bonorum [illegible] [illegible]
mons benedictionis [illegible] dominus p[er]
Balaam benedictionem populo [illegible]
[illegible] mons fuit [illegible]
et contemplationis [illegible] moyses [illegible]

promissionis, terminos producebat. Item de hoc monte dicit Jeronimus in libro de nominibus locorum: Abarim mons est in quo mortuus est Moyses in terra Moab contra [illegible] supercilio Phasga, a quo tota terra promissionis videbatur. Phasga: et ordinatur a Jericho [illegible] et Esebon, quod est civitas quod Nebo vocatur. Est mons supra colles Moabitarum, et est prope montem Phasga, super quem Balaach duxit Balaam ut malediceret Israel, ut dicitur Numeri 23. Ita dicit Jeronimus in libro supradicto.

De monte Galaad

*Mons Galaad*

Galaad mons est, ut dicit Jeronimus, ad quem Jacob venit, sicut dicitur Genesis, de Canaan, cum fugeret Laban. Est autem, ut dicit idem, adiunctus montibus Phenicis et Arabie, collibus Libani copulatus, et extenditur ultra usque Jordanem in terra quam possedit Seon rex Amorreorum. Postea vero cecidit in sortem Ruben et Gaad et dimidie tribus Manasse. Iste mons in terra inter alios est nobilissimus, quia mons pasture est et confortationis. Est enim fertilissimus in frugibus, in pascuis et in fructibus. Item mons est utilis et curationis. Nam in Galaad invenitur resina qua curantur vulnera et diversi morbi preparantur, ut dicitur Jeremie 9: Numquid resina non est in Galaad? Item iste mons est federis et reconciliationis, quia in monte Galaad confederatus est Jacob cum Laban, et eis totaliter reconciliatus, ut patet Genesis 33. Iste mons est testificationis, ut patet ibidem. Dixit enim: Appellatum est nomen eius Galaad, id est tumulus testis. Iste mons fuit locus negotiationis. Nam in montana Galaad negotiatores pro speciebus aromaticis comparandis sepius frequentabant, ut patet Genesis 37: Viderunt negotiatores venire ad Galaad portantes aromata in Egiptum et [illegible] Garizim dicit Jeronimus [illegible] mons Ebal [illegible]

De montibus Garizim

Garizim [illegible] et maledictionis [illegible] promissionis [illegible] dictionem pronuntiarent ad bonum [illegible] et maledictiones [illegible] transgressoribus. Super Garizim vero stetit nobiliores quam sacerdotibus [illegible] benedictiones. Et [illegible] in monte illo fuit [illegible] et postea [illegible] templum [illegible] inter Judeos et Samaritanos fuit contentio de loco adorandi. Samaritani preferebant montem Garizim quem [illegible] est ad adorandum quam templum in Jerusalem Judeis [illegible], ut patet in Johannis 4 capitulo et in textu et glosa.

De montibus Gelboe

*Et montes Gelboe*

Gelboe sunt montes, ut dicit Jeronimus, alienigenarum, sexto miliario a Scitopoli, in quibus est mons grandis qui Gelboe [illegible] super montibus istis prout Saul cum Jonatha filio suo [illegible] et ceciderunt filii Israel, ut patet primo Regum ultimo. Contra quos indignatus David propheta [illegible] maledixit et maledictionis [illegible] in fertilitatem et sterilitatem [illegible] sicut dicit glosa super secundo libro Regum capitulo primo: Montes inquit Gelboe [illegible] fuerunt ante maledictionem, quos [illegible] maledictionem sterilitatis [illegible] usque hodie [illegible] testantur.

De monte Golgata

*Et monte Golgata*

Golgata, ut ait Jeronimus, est mons Calvarie, in quo Salvator noster fuit pro salute hominum crucifixus. Item [illegible] hodie ostenditur in Jerusalem ad septentrionalem plagam montis Syon. Dicitur autem mons Calvarie, secundum Ysidorum, quia ibi

capita horum dominatorum decollabantur.

De Gaas monte

Gaas est mons in monte Effraym in possessione Iosue et sepultus in septentrionali parte illius montis ut patet in libro Iosue ultimo et eius sepulchrum ostenditur in monte [illegible] usque in presentem diem ut dicit Ieronimus in [illegible] libro de nominibus.

Mons Effraym est montuosus a tribu Iuda contra septentrionem in xx miliario ab Helya [illegible] ubi est [illegible] grandis que Effrata nuncupatur [illegible].

De montibus Ysrael

Montes Israel montes dicuntur generaliter totius terre promissionis sive fuerint ultra Iordanem sive citra, non tamen simpliciter [illegible] tribum que fuit montuosa precipue in tribu Dan et Effraym. Nam montes tribus Israel sibi vendicaverunt sub Ieroboam filio [illegible] qui fuit de Effraym et principatum fecerunt in Samaria super x tribus ut dicit Ieronimus et patet in hystoria libri Regum capitulo xii. In hiis montibus multi erant pascuales [illegible] fructuosi, frugiferi, olivis et aliis arboribus fructiferis consiti. Erant etiam medicinalibus herbis et speciebus aromaticis pleni ut dicit Ysidorus libro xiiii capitulo [illegible]. Samaria regio est Palestine ab oppido quodam nomen accepit quod quondam erat civitas regalis in Israel que ab Augusto Sebastia nuncupatur. Hec regio Iudee [illegible] est [illegible] in [illegible] omnium dives est frugibus fertilisque illustris opima balsamis. Ubi licet [illegible] elementorum [illegible] habeat terra mel et lacte fluente iudicabatur. Nam propter in montibus pro pascuis habundantiam innumerabilium diversorum pecorum greges et armenta pascebantur. Apes innumerabiles in eisdem montibus fructibus arborum et herbarum et florum suavitatem dulcissima mittebant [illegible] et frugis pro [illegible] frugum et [illegible] [illegible] ad maturitatem ducebat. Aurum et argentum et cetera metallorum genera in illis montibus fodiebantur. De illis fontes et flumina decurrentes montium Israel progrediebantur. Loca munitissima in illis montibus edificabantur. Fere silvestres sicut tigrides et leones in illis nemoribus montuosis quiescebant.

De montibus Sithie

[M]ontes Sithie [illegible] montes dicuntur [illegible] qui ultra [illegible] borealis ut dicit Ysidorus libro xiiii. Sunt autem secundum Ysidorum eadem in terra Sithie plures locupletes inhabitabiles tamen plures. Nam cum in plerisque locis auro et gemmis montes Sithie affluant, griphorum immanitate accessus est [illegible]. In illis montibus [illegible] fere silvestres [illegible] tigrides [illegible] smaragdi autem et cristalli clarissimi de Sithie montibus transmittuntur. Sunt autem silve aspere ubi est maxima quantitas inmanibus feris scilicet pardis tigribus et pantheris [illegible] repletur. Ubi etiam sunt canes tante immense magnitudinis et ferocitatis ut tauros premant aut occidant et maxime in Albania et Yrchania que Sithie sunt regiones et que montuose sunt multum et nemorose.

De monte Carmello

Carmellus est mons Iudee in quo est civitas dicta Carmellus. Et est duplex Carmellus, unus in superiori parte contra meridiem in quo Nabal legitur pavisse greges primo Regum xxv. Alius est Carmellus in inferiori parte respiciens mare. Utrique mons fertilis est in pascuis fructibus et in herbis.

De monte Libani

Mons Libani est mons Fenicis altissimus cuius meminerunt prophete. Dictus est autem Libanus a thure ut dicit Ysidorus quod ibi colligitur. Cuius pars anterior respiciens ad orientem Antilibani appellatur ut dicit Ysidorus. Libanus etiam candidatio vocatur quia perpetuis nivibus super eminens est et estate candidus. Nullo enim tempore ista

hec totaliter loquitur qui in aliqua scriptura
habeat scire. Est autem libanus fluviorum
fontium sedes et origo [illegible]
dicitur ut dicit Ysidorus oriuntur duo fontes, scilicet
Jor et Dan qui simul iuncti Jordanem
faciunt. Libanus qui est similiter redolens
et aromaticus [illegible] herbe odorifere
crescunt [illegible] arbores thurifere [illegible]
[illegible] quarum gummi olibanum
dicitur [illegible] ut dicit Ysidorus. Item mons
sufficientie et [illegible] in [illegible]
bundantie pluviarum [illegible] herbis
habundat propter [illegible]
et fontibus optimis [illegible] ideo
in monte olibani [illegible] quod
offerebant in templo [illegible]
[illegible]. Item mons erat eminentie
et mare [illegible] Nam ut [illegible]
super [illegible] omnes alios montes illius regionis
altitudinis situ libanus [illegible] est. Et [illegible]
[illegible] tyrum pre remota mare [illegible] nam
[illegible] se navigantium oculis [illegible]. Et
quos [illegible] [illegible] propter sua
altitudine [illegible] ut dicit [illegible] Item
mons erat [illegible] effluentie et [illegible]
Nam [illegible] in sua superficie
nobilissimus [illegible] habundabat [illegible]
vivis aque ut patet in puteis aquarum
viventium qui iuxta Salamonis sententiam
in canticis solent [illegible]
de libano emanare ut dicitur canticorum 4°. [illegible]
puteus aquarum [illegible]. Item mons est
[illegible] et [illegible] Nam in libano
[illegible] fontes [illegible] est, et [illegible]
[illegible] quo sua aroma et virtute fugat [illegible]
herbe [illegible] arbores [illegible]
suo odore fugat omnia venenosa. Et
ibi reptilia venenosa [illegible] non [illegible]
ut dicit Ysidorus. Item mons est pulchritudinis
et amenitatis. Nam [illegible]
[illegible] arborum [illegible] prope [illegible]
et herbarum [illegible] amenitas [illegible]

[illegible] suavitas [illegible]
fontium [illegible]
[illegible] Item mons est [illegible]
et sanitatis [illegible]
que sunt [illegible] morbos [illegible]
[illegible] et [illegible]
[illegible] quorum [illegible]
contra diversas infirmitates [illegible]
[illegible] medicine. Item mons [illegible]
[illegible] in vallibus libani in [illegible]
[illegible] amenitatis et [illegible] salubritatem
obtinet [illegible] ut dicit [illegible] et [illegible]
Josephus et [illegible]

De moria monte

Moria est mons in Jerusalem [illegible]
[illegible] est templum Salomonis [illegible]
[illegible] paralipomenon [illegible] montem emit David
ab Ornan Jebuseo [illegible] siclis auri [illegible]
ut in eo edificaret domum quam pro un[illegible]
[illegible] qua [illegible] populus est [illegible]
[illegible] paralipomenon [illegible]. In hoc monte ymolavit [illegible]
[illegible] filio et [illegible] et exaudivit illum
dominus [illegible] in igne suo altare olocausti
[illegible] obtulit Abraam holocaustum
[illegible] [illegible] ymola[illegible]
[illegible] ubi dicit glosa [illegible] super
[illegible] in terra visionis et
offer filium tuum super unum montium [illegible]
monte [illegible] in quo [illegible]
templa [illegible] est [illegible] Ornan
Jebusei in monte moria [illegible]
illuminatus et [illegible]
[illegible] hoc est oraculum [illegible] spiritus
qui inspirat prophetas et [illegible]
[illegible] Jacob [illegible]
[illegible] et angelorum [illegible]
[illegible] visionem ut patet [illegible] ut dicit
glosa [illegible] Non est hic aliud
nisi domus dei [illegible] dicitur quia [illegible]
[illegible] Item
autem est locus [illegible] mons Syon
ubi edificata est postea turris David

[illegible] mons mona fuit mons [illegible] mons sancti [illegible] et [illegible] mons [illegible] illuminatus mons angelice [illegible] mons divine apparitionis [illegible] et [illegible]

De Nebo monte

Nebo mons est in terra Moab in [illegible] Phasga [illegible] Iericho et hic mons [illegible] terre promissionis et ibi mortuus est postquam [illegible] contemplatus ut dicit Ieronimus et patet historia [illegible] 27°.

De monte hor

Mons hor est mons in extremis finibus terre Edom in quo mortuus est Aaron iubente domino in anno xl° postquam egressus est de Egipto, cum esset annorum cxxiij. ut dicitur Numeri xxxiij. Fuit autem xxx mansio in qua manserunt filii Israel postquam egressi fuerant de Egipto, sicut dicit in libro Numeri ca° xx°. Cum movissent castra de Cades venerunt in montem hor qui est in extremis finibus terre Edom; in hoc monte suscepit Eleazar filius Aaron primo sacerdotium [illegible]

De monte oliveti

Mons oliveti mons in Iudea est iuxta [illegible] sic dictus propter copiam olivarum que in illo monte maxime habundant. Et ideo a beato Augustino dicitur super Iohannem: Vocatur mons crismatis et unctionis, mons luminis, mons pinguedinis et refectionis, mons medicaminis et curationis, et hoc dicit propter olivarum ibi crescentiam habundantem. Cuius arboris fructus est virtuosus luminosus delitiosus, quia ut dicit Ysidorus: Oleum olive ex radice amaritudinis surgit in pabulum luminis, in medicamentum vulneris, et in refectionem esurientium. In huius montis olivarum radice [illegible] fuit [illegible]

qui dicitur tercius Sion, hic primo apparuit et notum fuit cenaculum quod [illegible] quem [illegible] intravit dominus et ibi [illegible] fuit scilicet mortua que Gessamana dicta fuit ut dicitur Io. 18° [illegible] Gessamani [illegible] Augustinus et illa [illegible] dominus ex [illegible] frequentabat. Item autem mons fuit ad partem orientalem templi et ideo mane illuminabatur sole oriente, et vespere [illegible] de nocte illustrabatur. Et ideo merito mons luminis dicebatur quia a celo et a templo lumine recipiebat et terra quod luminis materia olei fuit habundanter aliis [illegible] ut dicit Augustinus.

In hoc monte erat quondam villa nomine Bethfage que sacerdotum erat, in cuius montis latere erat civitas dicta Bethania que fuit civitas Marthe et Lazari et Marie Magdalene ut dicit glosa super Matth. 21°. Item de hoc monte dominus ad celos ascendit et super eundem descendens ad iudicium apparebit, ut patet Actuum primo tamen iuxta quod in glosa super Matth. 21°.

In hoc monte edificavit Salamon delubra excelsa, ut patet 3 Reg. x°. Et ideo vocatus est mons olivi et propitiationis et mons offensionis, quarti Reg. 23°, quia in illis ydolis offendit Salamon deum suum.

De olimpo

Olimpus est mons Macedonie excelsus in nubes, ita ut sub illo nubes esse dicantur, et dicit Virgilius: Nubes excessit olimpus. Dictus autem est olimpus quasi ololampus id est quasi celum; hic mons Macedoniam a Tracia dividit. Tante enim sublimitatis est mons olimpi quod omnes excedit aeris turbines et alias passiones [illegible] ubi ascendentes [illegible] et rursus et sicut stellas inspicerent [illegible] vivere non poterat nisi spongias cum aqua ferrent ut sic per aquam attractionem

[illegible] [illegible] confessione sue spes[illegible]
[illegible] in [illegible]

De oreb monte

Oreb mons est in regione arabiam ut dicit Iero[nimus] iuxta arabiam i[n] deserto cum [illegible] sarracenorum quod vocat pharam [illegible] est idem mons oreb. Et ita ut dicit Iero[nimus] in hoc monte [illegible] [illegible] [illegible] visiones ut p[atet] exod[us] 3° sibi videt [illegible] ardentem et non comburentem sibi audiuit d[omi]n[u]m sibi loquentem et multa preparantem sicut postea [illegible] monte synay dicit

De monte pernasso

Mons pernasus est in thessalia ut dicit ysydorus iuxta boetiam qui in monte duas habet verticitates que in celum elevantur in quibus [illegible] Apollo et liber bachus colebant propter locorum amenitatem et vinorum ac [illegible] maximam ubertatem.

De ripheis

Riphey montes sunt Alpes in capite germanie ut dicit ysydorus qui a perpetuo ventorum flatu et tempestatum impetu sic dicti. Nam riphe in greco impetus dicit[ur] in latino. Dicuntur autem alpes i[d est] montes ad quorum cacumina nisi per altos montes [illegible] et aliorum [illegible] motum pervenit. In hiis alpibus sunt perpetue nives frequentes nubes [illegible] et fluviorum magnorum capita et origines. Bestie et fere silvestres et maxime genus volucrum quarum alle [illegible] norte. sunt ut dicit ysydorus [illegible] [illegible] altissimi montes solidissimi et fortes super altitudinem aliorum montium [illegible] tempestatum [illegible] [illegible] fluxus [illegible] [illegible] per quod terra superficialis [illegible] et duriores [illegible] [illegible] et [illegible] in petra [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

soliditatem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] attracta [illegible] [illegible] per capita fontium [illegible] et [illegible] [illegible] et aque [illegible] [illegible] [illegible] sunt [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] que [illegible] et [illegible] aquilis et avibus [illegible] [illegible] [illegible] [illegible] quia [illegible] [illegible] [illegible] maris [illegible] [illegible] et ad [illegible] [illegible] [illegible] [illegible] [illegible] dantur loca [illegible] [illegible] in [illegible] [illegible] [illegible] et [illegible] [illegible] in rupibus [illegible] [illegible] nubi [illegible] [illegible] in ortu solis [illegible] [illegible] [illegible]

[illegible] autem dicit [illegible] ad [illegible] et [illegible] [illegible] [illegible] [illegible] rupes [illegible] [illegible] [illegible] profunde [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dicit[ur] [illegible] [illegible] quod est [illegible] vel [illegible] [illegible] [illegible] loca remotissima [illegible]

De sephara monte

Sephara mons est [illegible] [illegible] [illegible] india ut dicit ysydorus [illegible] [illegible] [illegible] filii [illegible] quos [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] locum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut p[atet] 3° Reg. x°.

De segor monte

Segor est mons parvulus qui et bala dictus est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] balsami [illegible] palma [illegible] [illegible] [illegible] liberavit [illegible]

De monte Synay

Synay est mons cuius pes [illegible] et [illegible] Arabia in provincia Madian. De hoc monte dicit Josephus in libro ii antiquitatum: Synay mons est excelsus et ad pasturas equorum optimas herbas [illegible] erat quippe opinio habitare ibi deum et [illegible] nemo [illegible] patiebatur, unde pastores illic ambulare minime presumebant. Huius montis appropinquans Moyses vidit [illegible] rubum non comburi [illegible] et eius [illegible] [illegible] flamma [illegible] [illegible] [illegible]. Item [illegible] Moyses in [illegible] qui mons est excellentissimus in illis regionibus per altitudinem et magnitudinem suam [illegible] non solum [illegible] sed etiam [illegible] et in labore [illegible]. Et quia [illegible] terra [illegible] terribiles et [illegible] [illegible] radices huius montis sua tabernacula locaverunt et ibi [illegible] in [illegible] loquentem audire meruerunt. Dicitur etiam mons Synai esse mons [illegible] mons [illegible] et inflammationis, mons nubis et caliginis, mons pluvie et [illegible], mons passionis et [illegible]

Moyses saepe et audiebat [illegible] illo monte Dominus per Moysen et populum instruebat et ei legem conferebat. Moyses in [illegible] et promissiones quae [illegible] bona et inaudita populo promittebat. Moyses justitie et comminationes quae timorem [illegible] cordibus inferebat. Unde mons fuit [illegible] et consolationis: Moyses fide et [illegible] Moyses amicitie et [illegible] quae in dicta lege populus sibi [illegible] fiebat. Item mons munditie et puritatis: Moyses [illegible] et [illegible], quia nullus ad montem accedere poterat nisi qui mente et corpore mundi erant coram Domino in [illegible] [illegible] et [illegible]. Moyses [illegible] et pietatis [illegible] spiritualis: Moyses sacrificiis et orationibus, quia ibi Domino ymmolabant, et precibus Moysi et supplicationibus Deum sibi placatum et propitiatum reddebant.

De monte Syon

Syon mons est in Jerusalem super quem edificata erat arx sive turris David ibi posita pro decore et defensione civitatis. In uno autem latere montis Syon erat templum quod medium inter arcem et inferiorem civitatem, ut sic munitio arcis defenderet templum et templum cum arce protegeret civitatem. Et ideo saepe scriptura vocat Jerusalem filiam Syon, quia sicut filia protegitur a matre et subditur ipsi matri, sic subdita fuit civitas inferior arci. Et tante auctoritatis et nobilitatis inter ceteros montes fuit mons Syon quod non solum civitas Jerosolima, immo etiam ipsa Judea [illegible] etiam universalis ecclesia tam de Judeis quam ex gentibus congregata saepius in prophetis a monte Syon denominatur, sicut dicit Psalmus: Fundatur exultatione universe terre mons Syon, latera aquilonis civitas regis magni. Nam mons Syon fuit mons

magne altitudinis sublimis et ubertatis mag[illegible] pulchritudinis et amenitatis [illegible] [illegible] et [illegible] maxime opulentie et [illegible] [illegible] [illegible] doctrine et [illegible] [illegible] est ysaye [illegible]. [illegible] mons propter [illegible] et [illegible]

De selmone

Selmon est mons in tribu effraym iuxta [illegible] tribus manasse [illegible] ascendit abymelech [illegible] [illegible] ut dicit ieronimus [illegible] in [illegible] mons per multitudinem arborum [illegible] et umbrosus propter quod [illegible] selmon umbra [illegible] est [illegible] mons [illegible] et [illegible] pinguis pascuosus sicut dicitur in ps. Nive dealbabuntur in selmon mons dei mons pinguis

De sophim

Sophym est mons in tribu effraym in loco armathym unde oriundus fuit samuel ut dicit ieronimus fuit autem locus in alto situs et graminosus aquis irriguus arboribus consitus et [illegible]

De sarone monte

Saron est mons de quo dicitur ysaye 35o est mons inter montem thabor et stagnum tyberiadis unde et tota illa regio sarona est vocata usque hodie ut dicit ieronimus Omnis etiam regio a cesarea palestine usque ad oppidum joppe sarona dicitur [illegible] montis [illegible] est fertilissimum ut dicit glo. sup ysaya 33o [illegible] [illegible] data [illegible]

De monte seor

Mons seor est de quo dicitur [illegible] mons galaad qui descendit [illegible] usque transiordanem [illegible] Seon rex amorreorum tradidit in [illegible] Ruben et gaad dimidie tribus manasse

[illegible] galaad [illegible]

De semeron monte

Semeron [illegible] [illegible] [illegible] [illegible] [illegible] joseph [illegible] [illegible] [illegible] mons [illegible] [illegible] a qua et tota regio postea samaria est [illegible] cuius [illegible] sub [illegible] fortissima et ad expugnandum difficillima [illegible] et regis assyriorum [illegible] [illegible] bellorum maximus apparatus [illegible] [illegible] obsessa [illegible] [illegible] famis angustia [illegible] [illegible] [illegible] ut dicit ieronimus [illegible] josephus [illegible] [illegible] [illegible] [illegible] ad [illegible] plena [illegible] [illegible] [illegible] [illegible] Istius montis [illegible] [illegible] [illegible] [illegible] ad plenum [illegible]

De monte seyr

Mons seyr de quo superius [illegible] [illegible] in scriptura sacra [illegible] mons [illegible] [illegible] [illegible] est [illegible] [illegible] edom [illegible]

De tabor monte

Tabor est mons in medio campo [illegible] ut dicit ysidorus [illegible] [illegible] est mons [illegible] [illegible] et [illegible] a [illegible] x [illegible] ad orientalem plagam et fuit in [illegible] zabulon ysachar et neptalim [illegible] mons [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] amenitate et fecunditate [illegible] illius montis est fertilissimus [illegible] [illegible] aliis arboribus [illegible] et herbis [illegible] [illegible] [illegible] et dulces [illegible] tempore [illegible] [illegible] [illegible] arborum [illegible] [illegible] [illegible] [illegible] vel estatis [illegible] [illegible] [illegible] [illegible] [illegible] sonoritas [illegible]

[illegible] uidet [illegible] q̄ deaugm[en]-
[illegible] sup[er] [illegible] usq[ue] [illegible] in
[illegible] [illegible] et ido
[illegible] sup[er] [illegible] modicus lumen
[illegible] et tunc [illegible]
[illegible] dicit [illegible]
[illegible] Quasi [illegible] expansu[m]
sup[er] [illegible] thabor [illegible] ¶ In supe[r]ficie aut[em]
montis [illegible] redditur mirabilis delectabili[ta]s
saluat[or] [illegible] suam maiestatem et gloriam
[illegible] Itaq[ue] in hoc monte docuit
et in [illegible] pnortauit [illegible] In
hoc monte [illegible] pauit populu[m] et tam
[illegible] temporali pabulo recreauit
[illegible] huius montis [illegible] discipul[is]
suis se transfigurare uoluit et future
claritatis [illegible] in suo corpore discipul[is]
reuelauit

De ziph monte

Z[iph] mons est [illegible] et [illegible]
in quo latuit Dauid [illegible] fugi-
[illegible] saul et est [illegible]
In quo [illegible] Nabal
[illegible] abigail [illegible] qui fuit [illegible]
caleph ut dicitur [illegible] Est aut[em] mons iste
multum nemorosus densus arboribus
infructuosis [illegible] et saltuosus habens
[illegible] fructuosis [illegible] spelu[n]cas
et antra [illegible] et [illegible] cauerno-
sus [illegible] et [illegible] uoluntatibus
[illegible] ignorantibus periculosus

De colli monte

Collis est tumor terre [illegible]
planitie [illegible] et ad modicam alti-
tudinem [illegible] Collis enim mons
est inferior [illegible] terra altior dicitur [illegible]
tumulus [illegible] tumore tellus ut dicit ysi-
dorus [illegible] colles montium [illegible]
[illegible] collibus et montes [illegible] altiores

¶ Et [illegible] colles a altitudine que minor habetur
colles q[uam] montes [illegible] plus quam montes ab
[illegible] incoluntur et habitantur [illegible] plus aeri
et solari calori q[uam] inferior terra exponu[n]tur.
Et ideo fructus in collibus ad maturitatem
citius perducuntur [illegible] et [illegible] plus
colles q[uam] valles [illegible] Et ideo fuerunt
[illegible] collibus [illegible] ut [illegible]
[illegible] fuerunt [illegible] infimam
terre superficiem et summam mo[n]tis altitudine[m]
colles tenent mediu[m] quo ad situm. Et ideo
aer [illegible] in colle q[uam] in mon[te].
[illegible] purior est et subtilior q[uam] in valle [illegible]
[illegible] et nobiliores recipiunt colles
impressiones et influentias a superioribus
q[uam] valles. Et ideo tam fructus q[uam] g[er]mina
sunt in collibus salubriora q[uam] in vallibus
et aliis partibus meliora ut dicit Const[antinus]
[illegible] colles [illegible] recipiunt radios solis
illuminantes citius q[uam] valles et [illegible]
[illegible] irrigantur [illegible] montibus et descen-
dunt torrentes et riuuli sup[er] colles, et
[illegible] collibus descendunt [illegible] et
ad valles.

De valle

Vallis est terra declina ac depressa
in montium medio collocata ut dicit
ysydorus. Est aut[em] vallis aquarum et riuulus
fontium defluentium receptaculum et [illegible]
[illegible] per q[uam] valles a riuulis et [illegible]
tibus emanantibus irrigantur, et ex illorum
[illegible] in floribus herbis et frugibus
fecundantur. Frondium et florum [illegible]
[illegible] a montium et collium obumbrac[i]o[n]e
[illegible] obumbrantur. In vallibus etiam fit
maior radiorum solarium [illegible] et [illegible]
ac confluxus. Et ideo calidiores sunt valles
impressiones q[uam] in montibus [illegible]
quod in vallibus q[uam] in montibus [illegible]
[illegible] ex quarum diffusione loca [illegible]

[illegible] ziph monte

de valle

montium humectant ut dicit Aristoteles. Et
ideo valles calide et sunt grosse et vaporose
[illegible] iudicant. Quare habitatores vallium
[illegible] passionibus sepius molestantur et
[illegible] domus et edificia in vallibus
constructa [illegible] tempestatibus in
[illegible] quam illa que in montibus collo
cantur. Nec motu [illegible] et a procellis
[illegible] defensantur. Terremotu
[illegible] Cuius ratio
est quia [illegible] in valle [illegible] magis
comprimuntur et sibi invicem fortius [illegible] et ideo
illas partes [illegible] et [illegible] propter
quod partes ille quia minime est gravis
et porrosse minime a [illegible] intrantur
[illegible] propter quod [illegible] ut
dicit [illegible]. Ad valles autem confluunt fontes
et ibi [illegible] propter [illegible]
Valles etiam quam montes grossioribus fumositatibus
vaporibus obnubilantur et [illegible]
tenebris obscurantur. [illegible] partes vallium plusquam
montium confundant ad [illegible] et [illegible]
[illegible] amplius elongant [illegible] ex
aquarum multo concursu et [illegible] obstructa
paludes [illegible] [illegible]
[illegible] et terra ad transeundum difficilia
[illegible] habundantiam [illegible]
et germina in vallibus mature
nutriuntur. Salices et alie [illegible]
arbores in vallibus plusquam in montibus [illegible]
dignoscuntur.

De campo

Campus secundum Ysidorum est terra planities
[illegible] ut vallis [illegible] ut montes
Et ideo quia equalis est [illegible] campus [illegible]
a campis in greco quod [illegible] equale dicitur
in latino. Campus est locus planus [illegible]
[illegible]
[illegible] sed potest deambulari [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

De agro

Ager ut dicit Ysidorus [illegible]
[illegible] agatur [illegible]
[illegible]
aptus [illegible] pascuis [illegible] herbis [illegible]
[illegible] floribus et [illegible]
[illegible]
[illegible] silvas [illegible]
[illegible]
[illegible] Nam ager [illegible]
[illegible]
ager dicitur [illegible]
[illegible]
dicitur ager [illegible] paulatim in [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] quia [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] Ysidorus [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] secundum Ysidorum dicitur [illegible]
[illegible]
[illegible] propter locus in quo [illegible]
[illegible]
[illegible]
[illegible]
Ysidorus

De prato

de prato.

P[ratum] [illegible] capra [illegible] prata
[illegible] antiquos romanorum
dictum eo quod talis locus sine promotione est et
paratus quia cultura laboris non requirit ut dicit
Ysidorus. Unde talia loca dicuntur prata quasi
ad fenum et ad pascua sint parata. Prata
sunt [illegible] fontibus irri-
gata [illegible] propter viroris habundanciam herbarum
[illegible] vestiuntur herbis
et floribus [illegible] vulgariter dicuntur
prata [illegible] delectant visui sive suo
odore [illegible] graminum suorum
sapore [illegible] gustu. Pratorum herbe et
flores [illegible] administrant. Lassis
reparant [illegible] et [illegible] gratiam
augmentant, vulnera curant et contra
diversos morbos remedium prestant.

De deserto

Desertum est terre spatium seu districtus
[illegible] habitatoribus et frequentia
destitutus [illegible]
ut dicit Ysidorus. Et hoc contingit aliquando
propter sterilitatem, sive propter aeris intemperiem,
sive propter aquarum et fontium [illegible],
sive propter hostium vastitatem. Unde desertum
spinis ac sentibus plenum [illegible]
venenosis [illegible] bestiis. Est
[illegible] silvestrium domicilium fugitivorum
et latronum habitationibus [illegible] et aridi-
tate [illegible] et squaloribus terra [illegible]
[illegible] dirus et arcus. Nam in
deserto sunt [illegible]
[illegible] et aliis [illegible]
[illegible] atque plane [illegible] lapidosa [illegible]
[illegible] et aliis [illegible]
[illegible] plenum [illegible]. Et dicitur desertum
ut dicit Ysidorus, quia non seritur, unde loca
silvarum et nemorum que a serentibus [illegible]
desertum nuncupantur. Nichilominus
deserta dicuntur loca habitata et post [illegible]
aliquo desolata ut dicitur. [illegible]

via solitudo a paucis nisi a feris et be-
stiis habitata. Unde et heremite dicun-
tur homines deserta solitudinis appetentes se ab
aspectu hominum sequestrantes. Et dicitur
hec heremus heremi per sincopam ab [illegible]
quia pauci ibi habitant atque manent. Vel
dicitur heremus quasi arenosus quia dura et
compacta solet esse terra, que heremus vel soli-
tudo usuale est dicere. In locis autem
heremiticis et solitariis fere silvestres liber-
ius quam in locis aliis evagantur, serpentes
generantur, sibilant etiam propter nimiam spissi-
tudinem et silvarum multitudinem, ubi lucis
silvestres dulcius modulantur, ibi etiam
nidificant et quiescunt, et hoc propter ferarum
multitudinem et avium frequentia loca
talia ab hominibus frequentantur. Ibi
etiam [illegible] latrones et [illegible] sepius occul-
tantur. Talia etiam loca habitatores pluribus
laboribus exponunt, nunc gelu, nunc estu
perurunt, nunc rore, nunc ymbre, nunc
pruina, nunc nive confundunt. Raro
nisi forsitan latronibus vel venatoribus
ingrediuntur. Et in locis heremiticis quibus
habitat multum afflictionis tedii et labo-
ris plenum tamen obtinet commodi-
tatem quietis.

De antro

Antrum ab atro est dictum, eo quod atris
tenebris et horroribus est suffusum,
ut dicit Ysidorus. Est enim proprium
bestiarum in cavernis manentium latibulis
in quibus latitantes predas insidiantur.
Et ideo spelunca a speculando antrum dicitur
quia post suas predas diligentius speculantur
ut dicit Ysidorus. Est autem antrum in
estate frigidum, in yeme vero calidum et
[illegible] animalium nutriendis et occultandis
est aptum [illegible] sudoribus et vaporibus animalium
fetidum est et corruptum.

De fossa vel de fovea

de antro

de fossa vel de fovea

Fovea a fodiendo est dicta eo quod sit terra vectibus et fossorio solicitum profundata, quae ut quanto plus in sua superficie terra accumulata erigitur, tanto interius amplius profundatur. Et quanto altior est et profundior, tanto eius transitus difficilior et periculosior invenitur. Quam gibbe [illegible] facillime ingreditur, ex post [illegible] et difficile ad exitum ut dicit Gregorius. [illegible] etiam dicit Ieronimus super Ieremiam [illegible] 19o leo in foveis capitur [illegible] fovea [illegible]. Ovis vel capra in eius fondo ponitur, cuius odore allectus leo foveam praeparatam ingreditur. Ex post ipsam ingressus [illegible] in [illegible] excitat detinetur. Fovetur in terra fovea a latere ad modum speluncae fundatur, in qua fovea quidam ponitur quae ad modum ostii praeparatur, quae et facile clauditur et facile aperitur. Unde ergo leo videt se in prima fovea non posse egredi, timens venatores venabula [illegible] quandam foveam ingreditur, et ibi in caverna ad hoc parata clauditur, capitur et captivus detinetur, ut dicit Ieronimus. Foveae etiam utiles sunt in munitionibus quae fossatis civitates et castra ne hostibus pateant muniuntur. Fossatis etiam terrarum spatia et territoriorum confinia ab invicem dividuntur. Replentur multotiens foveae aquis, in quibus et reptilia diversa genera nutriuntur. Unde fovea quae foveas vivas aquas est dicta. Nam in foveis foventur et servantur aquae, nunc fluxibiles, nunc stantes, nunc ex scaturientibus torrentibus et pluviis, nunc in eis recipiuntur, nunc ex venis scaturiunt rivuli aquae. Summa vero et propria omnium munitionum fortitudo et tutela solet esse fovea, quae in lato et in longo, in alto profundo ordinate cum figura est parata. Nam inaccessibilis est locus sic munitus, nisi navigio vel ponte talis fovea transeatur, ut dicit Ieronimus.

## De spelunca

Spelunca [illegible] [illegible] ad [illegible] [illegible] lateri [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] sive [illegible] [illegible] locus est subterraneus, primo clausus in ingressu [illegible] obscurus et turbidus in progressu, tamen durus asper et hispidus in egressu. Ubi tamen egressus alii potest [illegible] [illegible] dicit in locis [illegible] [illegible] [illegible] [illegible] lapides et metalla [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vel [illegible] molle [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sicut [illegible] in [illegible] [illegible] [illegible]. Et sic [illegible] in illis speluncis [illegible] obscura et [illegible] [illegible] in speluncis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] loca [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et aliorum reptilium [illegible].

## De caverna

Caverna est terra cavata et a cavando dicta, eo quod ibi terra cavatur et conservantur a reptilibus et a bestiis vel per naturalem conversionem [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] mansiones ad quas [illegible] [illegible] [illegible] [illegible]. Ad cavernas etiam terrae lapidum et arborum [illegible] confugiunt [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] et lepores fugiunt ad [illegible] [illegible]

[illegible] cadunt [illegible] strata [illegible] circumstantes etiam corpora [illegible] sepe apud [illegible] quod [illegible] voluerit [illegible] in cauernis [illegible] et spiritus [illegible] Qui sepe [illegible] motu et [illegible] ad tales cauernas appropinquantes [illegible] terra insuper que est cauernosa et spongiosa patet sepe motui [illegible] ex vento [illegible] implentur. Et sic agitatur [illegible] ut dicit Alexander [illegible].

Incipit liber decimusquintus de terra partibus et diuersis prouinciis per quas orbis generaliter est diuisus

De terre eius partibus et diuersis prouinciis per quas orbis generaliter est diuisus [illegible] huic operi fine adiuuante deo ponere [illegible] non tamen de singulis est dicendum sed solummodo de hiis de quibus in sacra scriptura sepius fuit mentio vel [illegible] facta mentionem. Orbis autem ut dicit ysydorus libro 14o trifarie est diuisus. Nam una pars eius est Asia, alia Europa, alia Affrica appellatur. Quas tres partes orbis veteres non equaliter diuiserunt. Nam Asiam a meridie per orientem usque ad septentrionem peruenit. Europa vero a septentrione usque ad occidentem pertingit. Sed Affrica ab occidente per meridiem se extendit. Sola quoque Asia continet unam partem scilicet dimidium nostre [illegible], alie vero partes scilicet Affrica et Europa aliam medietatem sunt sortite. Inter has autem partes ab occeano mare magnum progreditur easque intersecat. Quapropter si in duas partes orientis et occidentis orbem diuidas, in una parte erit Asia, in alia vero Affrica et Europa. Sic autem diuiserunt post diluuium filii Noe, inter quos Sem cum posteritate sua Asiam, Japhet Europam, Cham Affricam possederunt, ut dicit glosa super Gen. x. et super librum Paralipomenon [illegible] Beda, ysydorus et plinius.

De Asia

Asia itaque que media [illegible] ista pars orbis ex nomine cuiusdam mulieris est appellata, que a prisco tenuit orientem, ut dicit ysydorus libro 14o. Hec in tercia parte orbis occeani disposita ab oriente scilicet ortu solis, a meridie occeanum, ab occasu vero mare finitur, a septentrione a medio lacu et flumine Tanay terminatur. Habet etiam multas prouincias et regiones diuersas gentium nationes, in lingua et moribus mirabiles figuras corporum, sicut et affectus mentium mirabiliter differentes, quarum nomina et situs breuiter hic ponimus, sequendo ordinem alphabeti.

De Assiria

Assiria ab Assur est regio et prouincia ab Assur filio Sem sic dicta, qui illam regionem primo post diluuium inhabitauit et incoluit. Hec ab oriente scilicet Indiam, a meridie Mediam tangit, ab occidente scilicet Tygrim et a septentrione montem Caucasum, ubi porte sunt Caspie, ut dicit ysydorus libro 14o. In hac regione primo inuentus est usus

purpure. Fuit etiam summum et totius bu-
gurica[?] provinssime pariter et hono-
res ex quibus effluxit romanorum
luxuria et gloria ut dicit ysydorus.
Est etiam pene in temperatis regionibus
temperatissima, sed in multis est mirabilis
per distemperatas terre mansiones sic
in bestiis et serpentibus, sic etiam in hominum
moribus et in pluribus inquieta, unde dicit
plinius in libro 5. ubi describit hominum di-
versitates. In hac provincia habitant assirii
ab assur dicti gens potentissima ab an-
tiquo ab eufrate usque ad indorum
fines omnium in medio sita re-
gionum ut dicit ysydorus libro 14.

De arabia

Arabia

Arabia asie est provincia sacra
id est thurifera nuncupata ut dicit
ysydorus libro 14. Ibi enim maxime habundat
arboribus thuriferis et aliis odoriferis propter
quod sacrum aromatum flagrantiam
greci eam eudemon, latini vero beatam
nominaverunt, ut dicit idem ibidem. Ibi e-
nim salubris mirra et cinamomum
crescunt, et cetera medicinalia potissime
inveniuntur. Ibi nascitur avis fenix
et aliarum rerum silvestrium tam nascentium
bestiarum quam volucrum diversitas et varia
multitudo. In arabia etiam est diver-
sitas gemmarum. Nam ut dicit ysydorus pli-
nius et orosius ibi sardonix et ge-
ma [illegible] immo multiplex gemmarum
munus invenitur. Ibi enim inveniuntur
dracones et quidam aspides in quorum
corporibus diversarum gemmarum preciositas
invenitur. In ipsa enim est sabba urbs
ipsa sic a filio chus nuncupata. Et est
pars terre arabie super sinum maris
persici coangustata versus sinum ara-
bicum constituta.

De armenia

d. armenia

Armenia est regio [illegible]
[illegible] thessali [illegible]
Armenio [illegible] jasone [illegible]
eiusque passim vagabatur [illegible]
et ex suo nomine nominavit ut dicit ysydorus
libro 14. Hec terra est ararath [illegible] in qua
fugerunt filii sennacherib qui regem in templo
dei sui orantem interfecerunt ut narrat
historia libri regum. Et dicitur ararath
mons in quo archa noe post diluvium
requievit. Sita autem hec armenia
inter montes thauri et caucasi a ca-
padocia usque ad caspium mare protensa
habens a septentrione montes ceraunios
ex quibus fluvius tygris nascitur ut dicit
idem ysydorus plinius et orosius. Sunt au-
tem due armenie superior et inferior
sicut et due pannonie [illegible]
[illegible] mira quedam et monstruosa
que ad nos sepius feruntur. Terra
in armenia ubi attingit tota tygris
[illegible] urbibus et [illegible] armonibus
[illegible] fructibus et fontibus [illegible]
tamen bestiarum [illegible] et serpentum
quibus est repleta ut dicit idem et
[illegible] multa dicit et narrat plinius
libro 2.

De arabia

d. arab.

Arabia sive aradium est insula
que tota est civitas sita in mari
[illegible] non longe a terra [illegible]
[illegible] filio chanaan [illegible]
aradius in exitu suo [illegible] fuit
[illegible] et in pugnis [illegible].

De albania

d. albania

Albania asie maioris est provincia
a colore populi nuncupata eo quod
albo crine nascuntur. Frigida enim regio est.

[illegible] gestis habundat [illegible]
[illegible] mari caspio surgu-
[illegible] omnium usque ad montes
[illegible] per deserta loca et incultissima se ex-
tendit [illegible] superiores sunt canes
[illegible] tauros
[illegible] et leones premunt elephantos vel-
ut fortissimas superant et prosternant
ut [illegible] albanie [illegible] exemplificat pliniu-
s qui [illegible] alexandro [illegible] leone [illegible]
[illegible] triumphavit ut dicit
idem li. [illegible] canibus albanie [illegible]
[illegible] pueros et [illegible] in pupil-
la [illegible] ut nocte videat quod de die
ut dicit idem ysidorus li. 9. idem et pro maiori
Solinus

De athica provincia

Athica provincia id est [illegible] que athi-
cus [illegible] dicebatur [illegible] civitas
athenarum que quondam fuit philosophorum mater et
liberalium [illegible] nichil habuit grecia
nichil nobilius [illegible] amore sapientie
studio [illegible] ut dicit plinius
et ysidorus li. 14. [illegible]
plato [illegible] domo [illegible]
eloquentia per [illegible] studiorum [illegible]
[illegible] publicavit ut refert augustinus [illegible]
[illegible] dionisius ariopagita pau-
li discipulus [illegible] profunditas [illegible]
[illegible] ut dicit [illegible]
[illegible] dionisius ariopagita [illegible]
[illegible] ysidorus [illegible]

De achaya

Achaya que est in europa est latine
provincia ab acheo quodam rege
[illegible] appellata. Hec provincia fere
tota insula est. Nam a septentrione [illegible] ma-
cedonie [illegible] undique cincta est mari.
Nam ab oriente [illegible] ab
euro [illegible] a meridie ionium ab affrico
[illegible] insulas a solo [illegible]

[illegible] macedonie [illegible] hec
provincie caput est corinthus [illegible]
ut dicit ysidorus li. 15. Nam ad ipsam [illegible]
accessus pre situs altitudine pre murorum
fortitudine et pre maris [illegible]
hanc condidit [illegible] filius [illegible]
[illegible] vocat [illegible]
[illegible] ut dicit ysidorus li. 15.

De archadia

Arcadia est provincia inter ionium mare
et egeum ut dicit ysidorus collocata
que [illegible] filius [illegible] dictus
ex suo nomine archadia vocatur. Ipsa et si-
cionia a quodam rege sicionio postea
est vocata ut dicit ysidorus li. 14.

De alania

Alania est pars sithie que prima et maxima est
regio europe. Europa incipit a flu-
mine thanay descendens ad occasum
per septentrionalem oceanum et usque in fines
yspanie se extendit. Cuius pars orientalis
et meridiana a ponto surgens tota
mari magno coniungitur et insulas [illegible]
finitur ut dicit ysidorus li. 15. Post istam
que sithie prima est alania que meotidis
paludes contingit que usque ad daciam se pro-
tendit. Est autem regio latissima multas
[illegible] gentes barbaras nationes [illegible]
[illegible] constituta ab oriente declinans
ad aquilonem.

De amazonia

Amazonia est regio partim in asya partim
sita in europa que alanie est vi-
cina et ab amazonibus est vocata. Fuerunt
autem amazones gothorum qui exierunt de
inferiori scithia uxores ut dicit ysidorus li. 9.
Que maritis suis in dolo interfectis [illegible] suorum
arma [illegible] hostes [illegible]
maritorum suorum [illegible]
[illegible] masculum a se [illegible] usque
ad [illegible] parvulos [illegible] filias

reportantes et hostium spolia diripientes
ad propria parit[er] simul masculorum consortio
omnino caruerunt que duas reginas scilicet
marsepiam et lampedo ... quarum quelibet
diversos solebant habere reges super se statuere
Quarum una cum parte exercitus contra
hostes dimicabat altera vero patriam gubernabat
bat Effecte sunt autem contra omnes [illegible]
tempore bellatrices et magnam partem asie per
centum annis suo dominio subiecerunt Inter
ipsas vero nullum masculum permiserunt vivere
vel morari continue aliquando permiserunt Et
finitimis ... gentibus maritos sobolis
gratia elegerunt Ad quos statutis temporibus
accedebant prolem conceptura Sed tempore certo
ad generationis officium [illegible] maritos
a se remiserunt et ad alias mansiones quas
redeunt masculos autem filios in illa
necabant pro certo temporibus [illegible]
filias vero servantes sibi informabant et
ne in sagittando dextre mamillas
[illegible] visum scilicet ut dicit
uno mamas [illegible] Et ideo ama
zones sunt dicte id est sine mamma ut dicit
ysi. li. 9. has vero mamas [illegible]
vocaverunt multi quarum [illegible] domuit
ut quidam dicunt primo hercules deinde achilles sed
hoc fuit potius per amicitiam quam per vires
sicut in gestis gothorum et amazonum con
tinetur ¶ dicit etiam ysidorus magnam
amazones usque ad septentrionem inter
[illegible] sunt deleti Sed ystoria
alexandri hoc non dicit ymo dicitur
amazonum regina alexandro postulanti
tributa per nuncios suos scripsisse [illegible]
[illegible] est mirandum [illegible] cum feminis confligere
statuisti quare si fauerit nobis fortuna
[illegible]
[illegible] nobis
[illegible] nos [illegible]
ad honorem [illegible] triumphus
sup [illegible]

rex vel [illegible] diceret [illegible]
per gladium et furorem [illegible]
potius amicitia suo [illegible]

## De alamania regione

Alamania nobilis et [illegible] est
regio in europa [illegible]
fluvius ultra danubium secundum ysi. [illegible]
ubi illustres multi [illegible]
qui a fluvio lemanno alamani dicti sunt
[illegible] et germania dicta est ut dicit ysi. li. 14.
ubi dicit post daciam [illegible]
[illegible] germania [illegible]
[illegible] danubius [illegible] reni
fluminis [illegible] septentrione et [illegible]
Et est duplex germania scilicet superior que se
extendit usque ad alpes et mare [illegible]
[illegible] adriaticum ubi mare [illegible]
[illegible] in aquilonis partibus per paludes Alia
germania est circa renum [illegible]
germania [illegible] est terra et [illegible]
[illegible] et bellicosis gentibus
valde [illegible] a [illegible] gignun[tur]
[illegible] germania est di
cta ut dicit ysidorus li. xiiii. Germanos
[illegible] et [illegible] a quibus
dicit in li. 9. ysid. ¶ Germanie na
[illegible] multa [illegible] corpora [illegible]
[illegible] fortissimi [illegible]
[illegible] facie [illegible] et formosi [illegible]
et [illegible] flavi [illegible] ymo [illegible]
et [illegible] saxones qui in
[illegible] sunt [illegible] a quibus dicit ysidorus
Saxonum gens in oceani finibus et litto
ribus [illegible] et agilis [illegible]
et [illegible] [illegible] sit
[illegible] piratica [illegible]
[illegible] hostibus [illegible]
[illegible] et per mare illis qui se molestant [illegible]
si [illegible] saxoni sunt [illegible] atque duri
[illegible] terra est valde fructifera aquis
et fluminibus optimis [illegible] in ipsorum
etiam [illegible] omnia fere metalla

[illegible] saxonia [illegible] et alie provincie
[illegible] germania sub nomine [illegible] laude
[illegible] austria boemia terra danica
suevia [illegible] et multe alie
quas per singulas enumerare [illegible] tedio[sum].

¶ A saxonibus autem germanie anglici processerunt
qui [illegible] britannorum
insulam possederunt quorum lingua et angli
corum gens usque hodie permanet ut dicit
beda in libro de gestis anglorum et ysidorus [illegible]
[illegible] cronica.

Anglia insula

De anglia insula

Anglia oceani est insula maxima que
circumfusa mari a toto orbe undique
a parentibus est divisa. Quam sicut tunc
tempore quondam [illegible] et troye excidio de
[illegible] facta classe paladis [illegible]
[illegible] ad predicte insule littora pervenit.
Quam quia gigantes qui tunc terram possidebant
diutius pugnantes devicit et [illegible]
insulam superatis gigantibus suo dominio
[illegible] et ab ipso illius nomine [illegible]
[illegible] terra illa vocata [illegible] britannia
que insula a bruto tunc tempore [illegible]
et potentia acquisita. A cuius brutonis
prosapia reges potentissimi prodierunt.
Quorum opera magnifica si quis audire
desiderat ystoriam bruti legat. ¶ Ista autem
insula post longa tempora a saxonibus
germanie multis et [illegible] bellis
[illegible] plus est agitata
et sub potestate est possessa. Qui a britonibus
vel motus vel exularis insula
inter se diviserunt et singulis provinciis
secundum lingue sue proprietatem nomina imponentes
lingue sue proprietati nomina gentis [illegible]
[illegible] reliquerunt vocantes insulam
Angliam ab Angela regina clarissima
ducis filia saxonum que illam insulam post
multa prelia post possidebat ut dicit [illegible]

Anglia ab angelo [illegible] [illegible]
[illegible] anglorum pueris [illegible]
paganorum audiens quod [illegible] angli [illegible]
[illegible] [illegible] sunt in
[illegible] angli quia vultum [illegible] illis [illegible]
[illegible] [illegible] beda ger
manica nobilitas adhuc in pueris [illegible]
[illegible] resultabat. De hac insula dicit
plinius multa sicut orosius et ysidorus
summatim tangit et expresse. Quod alii obscu
rius vocant britanniam scilicet que nunc dicitur
Anglia est insula que contra aspectum
gallie et yspanie est sita. ¶ Cuius circu
itus obtinet quadragesies octies sep
tuagesima V. milia. Et multa magna flumina
sunt in ea, fontes calidi metallorum et
larga copia gagates lapis ibi plurimus
et margarite. Gleba optima et diversis
fructibus valet aptissima. Ibi oves lanigere
in propria [illegible], ibi cervorum et ferarum
multitudo nimia invenitur, pauci lu
pi vel nulli in ista insula reperiuntur.
Et ideo oves maxime habundant tuti in caulis
et in pascuis et sine custodia relinquuntur
ut dicit beda. Unde quidam describens insu
lam anglicanam metrice sic dicit //

¶ Anglia terra ferax et fertilis angulus orbis
¶ Insula predives que toto vix eget orbe
¶ Et cuius totus indiget orbis ope
¶ Anglia plena iocis gens libera
¶ Cui libera mens et libera lingua
Sed lingua melior liberiorque manus
a multas alias prosequitur [illegible] et insule
dignitates quas hic inserere [illegible] esset
longum et hoc quere infra de britannia.

De aquitania

d[e] agtan[ia]

Aquitania galie provincia in europa
ut dicit ysidorus libro xv° que est
sic ab obliquis fluminis [illegible] ex plurima parte
terminus eius est [illegible] in orbe
[illegible] appellata. Circa se quintus

fertilis et amena, oppidis ciuitatibus et
castris populata, aquis et fluminibus irrigua,
siluis campis uineis et pratis decorata, mon-
tibus et arboribus fructiferis diuersis generibus
consita, et magnis diuitiis opulenta. A-
[illegible] multe particulares
prouincie comprehenduntur ut dicit plinius.
Habet a meridie occeanum ut dicit orosius
et aquitanicum sinum, ab occasu hyspaniam, habet
a septentrione et oriente galliam lugdonensem,
ab europa et meridie [illegible] prouinciam
Narbonensium ut dicit ysidorus.

De aquitania

Aquitania est gallie prouincia que
aquitanie est [illegible] ad [illegible]
norum britaniam se extendit. Cuius metro-
polis aquitanis est vocata, a qua [illegible]
tota prouincia aquitania est appel-
lata. Et est terra munifica quia fructi-
fera, bonis omnibus opulenta, felix agri-
cultura in uineis et in fructibus.

De aluernia

Aluernia gallie lugdonensis est
prouincia, cuius ciuitas maior [illegible]
clarus [illegible] nuncupatur. Habet ab euro ger-
maniam, ab austro ytaliam, ab occidente
narbonensem prouinciam, a septentrione galliam
belgicam. Est autem terra siluestris et nemo-
rosa, montuosa, pascuosa, feris pecudibus
referta, frugifera et [illegible] in multis
locis.

De apulia

Apulia est regio maritima in ytalia
que est pars europe, ab insula
sicilie per maris brachium separata. Terra
siquidem multum preciosa, auro et argen-
to referta, frumento vino et oleo opulen-
ta, ciuitatibus nobilissimis insignita, ca-
stris et oppidis premunita, fructibus diuer-
sis generis fertilis et fecunda, fecunda tamen

Est europe [illegible]
[illegible] a barbaria [illegible]
[illegible]
[illegible] quam
[illegible] edificauerunt. Et dicitur a [illegible]
[illegible] quod rapax dicitur [illegible]
illa [illegible]
[illegible] dicitur esse [illegible] ut dicit ysidorus
li. xv. [illegible] De nominibus [illegible]
a latere adiacent terra que [illegible]
[illegible] Nam [illegible]
ad [illegible] multitudinem [illegible]
[illegible] abundat [illegible]
[illegible]

De affrica

Affrica, ut quidam volunt, dicta
quasi aprica, eo quod [illegible] sub sole sit pura
et aperta, pro eo quod [illegible] frigoris nulla
tempore [illegible] ut dicit ysidorus li.
xv°. Alii putant affricam esse dictam ab
affer filio abrahe [illegible]
[illegible]
[illegible]
[illegible] ut dicit ysidorus li. [illegible]
[illegible] affrica a [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] diuisa contra asiam et euro-
pam. Habet prouincias multas scilicet
libiam, cyrenensem, tripolim, bizanciam,
cartaginem et mauritaniam, ethiopiam
et multas alias. Est illa pars mundi
que affrica dicitur minor spacio quam asia
vel europa, sed pro sua quantitate de-
cora est et mirabilior in qualitate. Nam
in auro et gemmis ditissima est, similiter
in fructibus [illegible] et oliuis [illegible]
[illegible] etiam producit bestias et homines
[illegible] et figuras ut patebit [illegible]

[illegible] dissoluunt solis radiis [illegible] buyes omni fruct[illegible] [illegible] cumulusq[illegible] multis [illegible] offerunt a satrapis tygridibus et aliis [illegible] bestiis possidetur et hor[illegible] infestatur [illegible]

de asturia provincia

De asturia provincia

Asturia provincia est inter iouem yspania in confinio Europe et Affrice constituta ut dicit ysidorus libro xv. Un et Asturica sit dicta quia prope istum flumen ubi [illegible] habitantur. Cuius terra siluis et montibus undique circumsepta ut dicit [illegible] Illius soli fructu est [illegible] aliorum planicies [illegible] liberalis et [illegible]. Cuius civitas [illegible] nobilis [illegible] quid [illegible] frumento et oleo minus habundat. [illegible] est frigida et ad huius productionis frugi[illegible] fructuum minus apta habundat et milicie et castanee [illegible] [illegible] [illegible] fructuum [illegible] et pomorum [illegible] [illegible] silvestrium [illegible] et [illegible] sunt mar[illegible] oppulenti. Nobilis autem est de [illegible] ex [illegible] et [illegible] [illegible] in [illegible] agilis et in [illegible] [illegible] statuere et pulchre [illegible] [illegible] [illegible] patrie et [illegible] regionis ad [illegible] et [illegible] aliorum lingua [illegible]

de bragonia provincia

De bragonia provincia

Bragonia provincia est in yspania [illegible] et frugum fertilis fontibus et fluminibus irrigua ab [illegible] [illegible] [illegible] nominata [illegible] [illegible] provincia [illegible] [illegible] et aragonia [illegible] est vocata ut dicit ysidorus [illegible] metropolis appellatur.

de babilonia

De babilonia

Babilonia terre est provincia in caldea cuius caput est urbs babilon a qua regio illa est nuncupata. Cuius [illegible] est caldea et assiria et mesopotamia [illegible] cuius nomen [illegible] transfertur ut dicit ysidorus libro xv. Hanc perfluunt flumina [illegible] [illegible] que sunt tigris et eufrates qui de paradiso [illegible] oriuntur. Est autem regio [illegible] et frugum fertilissima [illegible] et aromaticis arboribus et herbis odoriferis [illegible] gemmarum et metallorum [illegible] ditissima camelis [illegible] asinis et mulis et aliis iumentis habundantissima feris mirabilibus bestiis et monstruosis habundans maxime in desertis. Cuius metropolis quondam dicta est babilon id est confusio [illegible] quia lingua [illegible] turrim babilonis est confusa [illegible] Cuius magnitudinem describit [illegible] super ysayam [illegible] Babilon igitur est metropolis caldeorum cuius muri xvi milia passuum erant per quadrum de angulo ad angulum quod est simul lxiiii. [illegible] duabus [illegible] et duabus [illegible] [illegible] [illegible] muri [illegible] [illegible] erat turris [illegible] milium passuum in altitudine id est duarum leucarum a latere in [illegible] coangustata. [illegible] fuerunt lateres [illegible] [illegible] bitumine indissolubili [illegible] nec igne nec aqua dissolui potest quia ibi confusum est labium. Ideo hebraice dicta est babel [illegible] autem babilon a qua regio tota in circuitu est vocata babilonia. Huic im[illegible] rex potentissimus Nabucdonosor qui [illegible] [illegible] mundi nationes quas caldeorum [illegible] [illegible] qui et [illegible] [illegible] propter quod [illegible] babilon [illegible] baltasare nepote suo per cyrum et darium reges persarum et medorum [illegible] destructa fuit [illegible] [illegible] [illegible] [illegible] de [illegible] [illegible]

a ciuitate s. thesiphon et fuerunt opposite hec
ciuitates ut dicit Ieron. l. omnis aut ubi quondam
fuit babilon desertus est et nichil continet
nisi bestias monstruosas que infra di-
centur

Dē bauaria

Bauaria est regio in Asya cui fluuius
nomine bauarus nomen dedit, ut dicit
ysydorus li. xv. huius partes que sunt planiciei
magis abundant et ut dicit adiacentes sunt
indie fluuii fontibus fluminum. Reliqua
uero ludunt totus fluuius aperit autem
brachia fortissimos camellos nutrit et
currentes ut dicit ysydorus

Dē bactriana

Bactriana est regio in assiria ex duobus
oppidis nobilissimis uocabulum
est sortita. Ex quibus unum Andronitis
est uocatus. Alterum bactria. hec terra
est glebis et aruis, cuius humus est ita pin-
guis ut sartata ibi semina incremento pr-
ne centesimum fructus renascitur ut dicit
ysydorus li. xiiii. de bactriana que infra
li. de barbaria

Dē brabantia

Brabantia germanie finalis est pro-
uincia et gallie belgice est contigua
habens terram ab oriente. e frisiam, bruta
niam oceanum et flandriam sinum ab aq-
lone. In fine uero gallia ab occidente suc-
cessiue uero francia a meridie champa-
niam per flumen multa oppida et famo-
sa fere fertilis in frugibus, populosa
gens eleganti statura et bellicosa for-
tis bellicosa animosa contra hostes. Iu-
stus aut placida et grata gratias benefica
deuota et benigna

Dē belgica

Belgica dicitur gallie prouincia in eu-
ropa a belgis ciuitate sic dicta ut
dicit orosius et ysydorus li. ix. hec ab oriente

ut dicit orosius hic germaniam [illegible]
uersus ab oriente habet alpes [illegible]
dicitur prouincia narbonensis [illegible]
Aquitanicis sita est ab occasu prouincia lug-
dunensi; oceano occeanum britannicum a sep-
tentrione britannie sunt angelie hec regio
in frugibus et fructibus est fecunda et animalibus for-
tibus multum populosa communiter [illegible]
minima gens eius secus walia ut dicit [illegible]
li. ix. et uiosa animalibus et fluuiis [illegible]
aruis fertilissima in nemoribus pratis fecunda
et deuota, humanitatis et prudentie plena pauca
habet monstruosa preter ranas et colubros
pauca animalia uenenosa. Terra sicut gelan-
gratis solet esse pacifica et quieta. In plu-
rimos populos britonia diuisa dis-
crimen est. hec belgica subdiuisa

Dē bitinia

Bitinia ut dicit ysydorus minoris asye
est prouincia in pontum respiciens ad
partem solis orientis aurora tradit traduc-
ebant multis antea nominibus appellata.
Nam prius bebricia est dicta. deinde a bith-
ino rege fuit mor. bithinia nuncupata
quia est maior frigia cuius metropolis ni-
chomedia ubi sepultus anibal propter
carthaginis bellum non accepit. ut
dicit ysydorus xv. addita est bitinia primo
a prima que prius minor media uocabatur

Dē britannia

Britannia oceani est insula in europa
per longum in boream extenditur, a me-
ridie habet galliam ut dicit ysydorus orosius
hec insula passuum ante octingenta, in
latum ducenta. a tergo aut ubi oceano
infinito patet orchades insule habet quarum xx
deserte sunt et xiii incoluntur. Adiacet oceanus
et insula per hec naufragium uel deficiens ut
dicit plinius li. iiii. et ysy. li. xiiii. a britannia
insula separata est. Sed orosius uero et suis tem-
poribus in medio oceano est sita ut eius
maris distantia paucis nota. hec britannia
ut dicit plinius li. iiii. ca. xvii. prius septentrion

et [illegible] sunt opposita germanie galie
et [illegible] maris interuallo ¶ Hec dicebatur
albion nomine sic dicta ab albis rupibus
[illegible] [illegible] dicitur a bruto britania
et [illegible] et a germanis [illegible]
obtinentibus anglia est uocata [illegible]
[illegible] ¶ Est enim alia bri-
tania [illegible] super oceanum continentem sita
[illegible] [illegible] a britonibus reliquie
[illegible] britania maiore [illegible] per [illegible]
germanos [illegible] usque ad hodie populata
[illegible] [illegible] britonum et nomine
[illegible] Et quamuis britania multis sit
digna laudibus non tamen potest filia matri
minor britannie maiori comparari Et [illegible]
[illegible] minor britania debet notari quia
sicut nec [illegible] non potest [illegible]
[illegible] maiori britannie adequari

De boetia

Boetia prouincia hellados est proxima
in grecia ut dicit ysidorus libro xiiii°. Et
boetia dicitur primitus uocata et hoc hac de
causa. Cadmus enim rex agenoris filius
Europa sororem suam a loue raptam re[p]-
peri[re] iussus [illegible] [illegible]
[illegible] formidans [illegible]
[illegible] [illegible] et [illegible] bouis [illegible]
[illegible] locum ubi ipsa recubuit ac in-
uenit et [illegible] nomine bouis illa
loca boetia nominauit. Ubi et thebas con-
struxit Ubi quamuis ciuilia bella [illegible]
[illegible] etc. Ubi nati sunt [illegible] et hercules
maior et thebanus Baccus etiam [illegible]
[illegible] que a quodam fonte [illegible] est
[illegible] apollini [illegible] ut dicit ysidorus
libro xv°. In hac terra est lacus quidam fu-
rialis ut qui de eo biberit furore li-
bidinis [illegible] ut dicit idem libro xiii°
capitulo [illegible] de aquis [illegible] et fontibus

De boemia

Boemia pars est uersus ad plagam
orientalem uero germanie posita in europa
que a montibus maximis et siluis densissi-
mis et altis undique circumsepta a germa-
nia et panonia et nationibus aliis [illegible]
[illegible] et siluas et flumina est diuisa ¶ Est
autem regio [illegible] [illegible] in [illegible]
suis partibus ualde firma camporum et pra-
torum planitie conspicua [illegible] [illegible]
salubrima gleba fertilissima in uineis
habundans et [illegible] auro argento
stagno et ceteris metallis ditissima fontibus
et fluuiis irrigua. Nam terram irrigat
Albia fluuius nobilissimus qui in montibus
oritur boemie. [illegible] et Albula qui
[illegible] plagam regiam ciuitatem in
[illegible] montibus habundans pinu et abi-
ete. habundant et herbe innumerabiles
non solum pascuales uerum etiam aromatice
et medicinales. Ibi diuersorum generum ha-
bundat fere innumerabiles scilicet cerui apri
[illegible] [illegible] caballi seu [illegible]
Et inter has feras est quedam habens ma-
gnitudinem bouis scilicet bestia ferox est et
[illegible] et habet magna cornua et ampla
cum quibus tamen se non defendit sed habet
sub mento amplum folliculum in quo
aquas recolligit et currendo aquam
miro modo in illo folliculo calefacit
Quam suo [illegible] sicut canes ni-
mis sibi appropinquantes proiicit et
quicquid tetigerit depillat horribiliter
et [illegible] Et hoc dicat lingua boe-
mica [illegible] nuncupatur hec terra circum-
[illegible] ab oriente morauia et [illegible]
[illegible] a parte uero aquilonari polonia [illegible]
parte meridiei austria [illegible] a parte orientis
bauaria germania et [illegible]
[illegible] [illegible] et [illegible]

De burgundia

Burgundia pars est galie senonensis

usque ad alpes penninas se extendit. Et est burgundia a burgis dicta secundum ysydorum li° 9° quos ostrogothi intrantes italiam ibi fecerunt burgos plures .i. opida et munitiones frequentes. Terra fertilis est et in diversis pascuosa et ... pluribus nemorosa aquis fluminibus ac fontibus irrigua in multis locis fertilis et fecunda in multis sterilis et arida et aquosa. Iuxta alpes maxime est terra propter frigus et ymbrium et nivium habundancias. Plures sunt fontes inter alpes qui ex frigore ... aquas mineralium effundunt sub monte ... et stannosis ferris habundant scilicet ... apud ... et multis aliis.

De capadocia

Capadocia est provincia in minori asia in capite syrie collocata. ab oriente armeniam tangit. ab occasu asiam minorem. ab aquilone themiscyrios campos qui ... quondam amazones et mare ... a meridie vero tangit montem qui ... cilicia et ysauria atque ad cilicum sinum qui spectat contra insulam cypri. ... per ea fluit qui quondam ... regna disiunxit a persis ut dicit ysydorus li° 15°. Et orosius li° p°. Huius cives vocati fuerunt primo a mosoch filio Japhet, unde et urbs ... mazaca usque hodie que ... dicitur ut dicit ysydorus li° 9°.

De caldea

Caldea que casedea a cased filio nachor fratris abrahe fuit cognominata ut dicit ysydorus li° 9°. Unde caldei dicti sunt a cased ... qualitas fidei. Et est regio magna sita iuxta Eufraten in qua est campus Sennaar in quo convenerunt gigantes post diluvium et cum nemroth filio ... edificaverunt turrim babel in qua civitas ibi edificata vocata est Babilon. Et tota regio babilonis fuit in nostra ... nuncupata ut patet supra in littera b. ... de babilonia. Et ideo hic ... quod orosius dicit de babilone li° 2°. ... fuit primus ... contra assirios ... potentie ... ... in ... [illegible]

... [illegible] regna ... [illegible] que incepit ... [illegible] ... et ut est ... [illegible] ... regale istud ... [illegible] ... xl anis usque ad ... [illegible] ... fuisset ... [illegible] ... et tunc incepit per ... [illegible] ... a cyro et dario babilonia est ... [illegible] ... civitas posset ... [illegible] ... nibus ... per quadrum ... [illegible] ... magnitudine et firmitate ... [illegible] ... Nam in latitudine ... [illegible] ... in circuitu ... [illegible] ... et ... [illegible] ... fossa ... [illegible] ... amplissimo fluvii ... [illegible] ... muro ... in muro ... [illegible] ... habitacula ... [illegible] ... magnitudinis et fortitudinis. Et ... [illegible] ... a cyro victa ... subversa est. Nam ... [illegible] ... fluvium ... [illegible] ... in ... [illegible] ... subtracta aqua ... [illegible] ... et ... [illegible] ... dicit orosius ... [illegible] ... anno quo babilonia a ... [illegible] ... incepit roma fundari ... [illegible] ... ... [illegible] ... et ... [illegible] ... regni ... [illegible] ... incepit ... [illegible] ...

De regione cedar

Cedar nomen est regionis in qua habitant ysmaelite qui fuerunt filii cedar primogeniti ysmaelis. Nam ysmael fuit filius abrahe ex agar egiptia ancilla eius. Unde ... vocantur agareni ... [illegible] ... saracenos ... [illegible] ... ut dicit ysydorus li° 9°. Ysydorus ... [illegible] ... dicitur ... [illegible] ... in tabernaculis habitant ... [illegible] ... et ... [illegible] ... ysmael sicut dicit glo. super ... [illegible] ... ubi dicitur ...

[illegible] dicit [illegible] bestiarum [illegible] [illegible] in arsura, ab ipso [illegible] fluvius [illegible] [illegible] quasi congregati sermo [illegible] et ad [illegible] orbis terre per toto [illegible] nobilissima illorum [illegible] civitates et regna sub [illegible] ut loris [illegible] sacerdotes inter [illegible] dormiunt, et [illegible] vasis bibunt et ad sepulchra [illegible] [illegible] prout [illegible] [illegible] et multa alia [illegible] que [illegible] videat [illegible] in orbe fuit facturi.

De cantia provincia

Cantia provincia est in anglia iuxta oceanum britannicum sita cuius metropolis dicitur cantuaria. Est autem terra fru[g]ifera et nemorosa fontibus et fluminibus [illegible] marinis portibus insignis divitiis locuples salubritate celi [illegible].

De cantabria

Cantabria est [illegible] provincia [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit ysydorus li. xv. [illegible] [illegible] a gallis [illegible] [illegible] fuit vocata.

De cananea regione

Cananea est regio in syria quam a filiis Canaan filius cham post diluvium est possessa et fuerunt ex eis nationes x. ut dicit ysydorus li. 9. Ex quibus fuerunt vij nationes et [illegible] Canaan fuit [illegible] [illegible] [illegible] et ideo a filiis israel [illegible] divino precepto fuerunt deleti, et eorum [illegible] ab eisdem occupati ut dicit ysydorus li. 9.

De campania

Campania est italie provincia inter [illegible] [illegible] et apulie colles

Cuius metropolis quondam fuit a silvio rege albanorum extructa, a capuatur sic dicta eo quod huius terra [illegible] [illegible] [illegible] et caput est [illegible] campanie [illegible] [illegible] civitas post romam et cartaginem [illegible]. Ex qua alie provincie italie campanie sunt vocate. [illegible] autem sunt alie civitates famose locupletes et populose ad provinciam campanie pertinentes, sicut neapolis et [illegible] ubi [illegible] [illegible] [illegible] in honore habent. Est autem terra [illegible] [illegible] habundans [illegible] [illegible] diversorum. Est et alia campania cisalpina galie [illegible] [illegible] cuius caput civitas est [illegible].

De candia insula

Candia vocatur quedam provincia in principio [illegible] [illegible] dilatatur, cuius ingressus difficilis est et laboriosus ut patet in actibus apostolorum c. xxvij. Est autem hec insula inter syriam et italiam.

De cilicia minori

Cilicia minoris asye est provincia a quodam antiquiore fenicis filio ut asserunt nominata ut dicit ysydorus li. xv. Hec ab occidente habet littora a meridie mare siculum ab oriente et septentrione habet montes tauri [illegible]. Hanc [illegible] [illegible] inter [illegible] [illegible] habet urbem [illegible] et tarsi dicitur ubi fuit paulus et [illegible] opidum eius est ubi est crocus [illegible] et optimus [illegible] flagrantissimus et colore plusquam aureus ut dicit ysydorus li. xv.

De cypro insula

Cyprus est insula a cypro civitate que in ea est denominata ut dicit ysydorus li. xv. [illegible] est et paphon quondam fuit veneri consecrata, multum autem fuit quondam famosa et maxime de metallis eris, ibi enim dicitur est fuisse cyprum et eius usus primo [illegible] terra est bona terra et [illegible] est valde [illegible] civitates habet multas et nobiles [illegible] [illegible] metropolis dicitur [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible]

et diues campis [illegible] et frugibus / [illegible] plena fontibus et fluminibus irrigua / et multis delitijs pariter et diuitijs cumula- / ta. Hec insula [illegible] fertur [illegible] in / [illegible] ut dicit ysidorus li. xv. Et dicta / est a quodam filio Jonan nepote Japhet ut / dicit ysidorus. De hac insula dicit oro- / sius li. i. quod insula caput maris [illegible] / cingitur ab oriente mari pamphylio a / septentrione aquilone cilicio a meridie / syrie et fenicie pellago circundatur. Cuius spa- / tium in longum tenet clxxv milia passuum / in lato uero milia passuum cxxv.

De creta insula

Creta grecie est insula a quodam rege / antiquitus dicta et nominata, ut [illegible] / et occasum longissimo tractu protenta a / septentrione grecie [illegible] / [illegible] undis [illegible] fuit quondam centum ur- / bibus nobiliter decorata. Unde et centapolis / dicta. Prima autem fuit insula que remis et / armis claruit ac sagittis et que primo lit- / teras tradidit, equestres turmas primo docuit, / studium musicum primo in ea ceptum, ab ydeis / dactilis mundo tradidit [illegible] / [illegible] et capras [illegible] / et capreas ualde paucas, lupos quoque et uulpes / atque alia fera [illegible] numquam gignit. Ser- / pens ibi nullus, nulla noctua et si aliunde / translata fuerint statim moriuntur. Creta / est uitibus admodum arboribus [illegible] herbis / medicinalibus [illegible] ut dictamus et / aliis [illegible] gemmas et [illegible] / gignit et lapidem qui dactilus [illegible] ut dicit / ysidorus li. xiiii. Et cum sit insula a ma- / ioribus [illegible] nobilis [illegible] tamen / spalangias, id est quasdam araneas [illegible] / [illegible] ysidorus li. xv. [illegible] / [illegible] narrat plinius li. [illegible] / ab oriente finitur mari carpathio ab occasu / et septentrione mari [illegible] a meridie ma- / [illegible] quod adriaticum [illegible] / [illegible] milia passuum [illegible] in latitudine uero / milia l. [illegible]

[illegible]

De cicladibus insulis

Cyclades insulas [illegible] / [illegible] quondam [illegible] / [illegible] / longioribus [illegible] / [illegible] / [illegible] / propter [illegible] / insule [illegible] / et [illegible] constitute. [illegible] / pellago [illegible] / septentrione in meridiem [illegible] milia / ab oriente in occasum [illegible] / [illegible] milia [illegible] / has insulas ut dicit orosius [illegible] / in occasu est rodus a septentrione [illegible] / mundo a meridie carpatio ab occasu / [illegible] ab oriente finitur [illegible] / ab occidente mari [illegible] a septentrione / mari [illegible] mari [illegible]

De rhodo insula

Rodos [illegible] insula [illegible] / [illegible] / [illegible] est [illegible] hec insula [illegible] / [illegible] claruit ut dicit [illegible] / quos et dicit [illegible] laudabiles / in quibus [illegible] / [illegible] ut dicit [illegible] / helya [illegible]

De corsica

Corsica est insula multis [illegible] / angulosa [illegible] ab oriente [illegible] / [illegible] mare et [illegible] a / meridie sardiniam ab occidente insulas / baleares a septentrione [illegible] / et tenet in longum [illegible] milia passuum / in lato milia xxvi.

De dalmatia prouintia

Dalmatia [illegible] est prouintia [illegible]

ta insula

d. [illegible]

Nota de [illegible]

de corsica

de dalmatia [illegible]

[illegible] occeani [illegible] calida [illegible] hec provincia habet ab oriente ... Sidonia, a septentrione [illegible] Hispania [illegible] ut dicit Ysidorus li. xv. [illegible] Orosius dicit [illegible] terra de fortis et robusta [illegible] dicta [illegible]

de dacia regione

De dacia regione

Dacia est in Europa a danais [illegible] ut dicit [illegible] occupata [illegible] a multis provinciis et insulis [illegible] cum germania contigua [illegible] gens quondam fuit fortis et nimium bellicosa, propter quod britanniam necnon et multas aliarum regionum insulas dominantur ut dicit Ysidorus in dicto li. ix. Dani gothorum fuerunt soboles et ideo putant [illegible] dacos qui dasgoth [illegible] gothos [illegible] primos [illegible] fuit [illegible] hec terra [illegible] est gens multum populosa, elegantis stature, vultu pulchre, [illegible] facie [illegible] et forme [illegible] contra hostes [illegible] pia est [illegible] placida [illegible] quos [illegible]

de delos insula

De delos insula

Delos insula grece est in medio cicladum [illegible] et [illegible] ut dicta [illegible] post diluvium [illegible] orbem multis [illegible] obumbrasset [illegible] terras illa insula radiis solis illustrata. Et [illegible] est manifestata [illegible] nomine delos insula est [illegible] delon grece [illegible] est et ortigia [illegible] ubi [illegible] coturnices [illegible] quas greci ortigias vocant. In hac insula latona enixa est apollinem ut dicit Ysidorus li. xiv. Unde est delos nomen insule.

De dan regione

Dan regio est in europa in occidentali plaga ut dicit Ysidorus li. o. [illegible] in elephantis et ebore et in lingulis ebanicis [illegible] ut dicit glo. super Ezechielem [illegible]

De europa que est tercia pars totius orbis.

Europa dicitur esse tercia pars orbis ab europa filia Agenoris regis libie [illegible] quia Jupiter raptam ab affrica ad cretam adduxit et maiorem [illegible] orbis terrarum [illegible] appellavit [illegible] ut dicit Ysidorus li. xiv. [illegible] Europa [illegible] Orosius dicens Europe regiones [illegible] a montibus ripheis [illegible] paludibus que est ad orientem descendens ab occasu per litus septentrionalis occeani usque ad galiam belgicam et flumen renum quod est ad occasum [illegible] ad danubium [illegible] que est ab oriente et ad meridiem [illegible] vocant [illegible] pontho accipit Ysidorus autem li. xv. Et incipit a flumine tanay descendens ad occasum per septentrionalem, ad occasum occeani usque ad fines yspanie. Cuius pars orientalis et meridiana a pontho consurgens tota mari magno coniungitur et in insulas gades finitur. Prima regio europe est Scitia inferior que a meotidis paludibus incipiens inter danubium et occeanum septentrionalem usque ad germaniam porrigitur ut dicit Ysidorus li. xv. Et hec terra propter barbaras gentes [illegible] barbarica nuncupatur et sunt gentes in universo ut dicit Orosius l. iii. Inter quas prima est Alania que ad meotides paludes attingit. Post Gothia, deinde Dacia. Et post Germania, deinde Galia. Et insula britannica, orcades, et insule multe aliarum [illegible] in yspania in cuius finibus finitur Europa [illegible] pars autem superior [illegible] meridianiter multas et maximas regiones, scilicet pannoniam, [illegible] et [illegible] suis finibus [illegible] Italia [illegible] insulis et finitimis suis [illegible] particula

Et hec est minor quam sit Asia. Et tamen par ei in populo, immo nimietate generositatis populos parit ut dicit Plinius. Sunt corpore maiores viribus fortiores animo audaciores forma et facie pulchriores quam sint Asie et Affrice regiones. Nam solaris estus per continentiam super Affricos illos afficiens consumit humores, reddit corpora breviores facie nigriores crine crispiores et per evaporationem spirituum per apertos poros animo defectiores. Contrarium vero est apud septentrionales. Nam ex frigore poros exterius oppilante quam humores in corporibus et spiritus retinentur homines corpulentiores. Et ex ipsa frigiditate magis est albedinis in exterioribus in cute scilicet et in facie albiores. Et ex compressione vaporum et spirituum ad interiora efficiuntur calidiores interius et per consequens plus audaces. Horum vero [illegible] quorum prima regio ab oriente et medio ratur in hoc sexto ut dicit Plinius.

De Evilath

(Evilath)

Evilath provincia est in superiori India ab oriente incipiens et longo tractu protrahitur versus septentrionem se diffundens, dicta ab Evilath filio Ebre hebreorum ut dicit glossa super Genesim capitulo x. ubi dicit quod inter filios Ebre Iectan Evilat nominat. Hanc regionem preterfluit Ganges fluvius qui alio nomine Physon in libro Genesis nuncupatur, quem Plinius nimis extollit laudibus libro 2 capitulo 2 ubi dicit quod Ganges recipit fluvios multos et quasi infinitos in se recipit amplius et navigabiles ut Hydaspem, Catabum, Hispin et multos alios. Cuius origo latior 1 stadiis non profundior vel altior xv passibus. Hic fluvius circuit terram Evilath in qua habundat aurum species aromatice ut bdellium et onichinus lapis ut carbunculus et huiusmodi ut glossa super Genesim. Ibi habet

terra multi sunt [illegible] quibus [illegible] dicit [illegible]

De ethiopia Rubrica

Ethiopia a colore populorum primitus est vocata, quod solis vicinitas torreat ut dicit Ysidorus [illegible]. Est quippe ab occidente montuosa, in medio arenosa, ad orientem vero plagam maxime deserta. Cuius situs ab occasu montis Athlantis ab oriente usque in fines Egypti porrigitur, a meridie oceano, a septentrione Nilo flumine clauditur, plurimas habens gentes diverso vultu et monstruosa specie horribiles, ferarum quoque et serpentium multitudine est referta. Illic quoque in ea terra bestia rinoceron et basiliscus serpens et dracones ingentes ex quorum cerebro gemme extrahuntur. Iacinctus et crisopassus ac topazius gemmis plurimis in illis partibus reperiuntur. Cinamomum ibi colligitur.

Due autem sunt Ethiopie, una circa ortum solis, alia vero est in Mauritania versus occasum et illa Yspanie magis est vicina. Deinde in meridiana tendit Garamantum provincia. Post est Getulia et demum contra cursum solis in meridie est Ethiopia exhausta ultra quam dicunt fabule esse antipodes ut dicit Ysidorus. Cuius sunt multe species Ethiopia. Hec ut fratres dicit et Ierosolimitanus, Ethiopes a Chus filio Cham sunt dicti, ex quo genere traxerunt. Chus enim ebraice lingua Ethiops dicitur. Hii gigantes a filiis Adam confugientes in campis meridianis ubi et omnium in meridiem sub solis vicinitate inhabitant quorum multi ipsis sic esse [illegible] per eorum [illegible] Gramanti et Trogodite

Et [illegible] [illegible] inveniuntur, ut dicit plinius li. v° ca° x°.
Ethiopes [illegible] [illegible] nigro flumine [illegible]
[illegible] et [illegible] est ut [illegible] [illegible]. Nam
[illegible] [illegible] talantes et paprosi ro
[illegible] [illegible] [illegible] monstruosi
[illegible] homines. Nam quidam solem orientem
et occidentem dira imprecatione execrantur tanquam male-
dictionis futurum, quia quod maledicitur [illegible]
[illegible] propter nimis ardorem ipsi gravatur. Alii in
[illegible] specus excavant et illos loco do-
morum inhabitant. Serpentes comedunt et
[illegible] quod mandi potest, quibus stridor est
potius quam vox. Alii vivunt promiscuis matri-
moniis sine [illegible], sed passim sine lege
aliqua cum mulieribus [illegible] et tales
dicuntur garamantes. Alii incedunt nudi
et nullo [illegible] occupantur et illi dicuntur
grafasantes. Alii qui blemmyes dicuntur et
traduntur capita non habere, sed os et oculos
in pectore habent [illegible] et [illegible] [illegible] et
satiri qui figuram habent humanam
sunt quo ad nichil preter humani [illegible]
etiam in Ethiopia mira alia ut dicit
idem li. ix° ca° x°. ¶ Sunt hec nigri
Ethiopes [illegible] quos [illegible] [illegible] [illegible]
[illegible] nascuntur sine auribus et Ethiopes.
Alii sunt qui canem pro rege habent, cuius
motu augurantur sicut quidam dicunt. Sunt
alii qui unum vel quatuor oculos dicuntur habe-
re in fronte oculos non quod ita sit, nam
sed hoc fingitur quod propria sagittare con-
templantur utuntur. Quedam etiam cum pan-
theras et leones domant, et earum carnibus
[illegible] quorum rex [illegible] solum oculum in fronte
habet. Alia gens Ethiopum solis locustis vi-
vunt fumo et sale indurantes et hii
xl annos non excedunt.

De egipto

## De Egypto

Egiptus que prius eria ab egipto da-
nay fratre postea ibi regnante nomen
accepit. Hec ab oriente syrie ac rubro mari
contermina est, ab occasu libiam habet, a septentrione
mare magnum, a meridie interiorem re-
cedit protenditur usque ad ethiopes ut dicit
ysidorus li. xv°. Est autem regio celi imbribus
insueta, pluviarum ignara. Nilus solus circum-
fluens irrigat et sua inundatione agros
fertiles efficit et fecundat. Unde terra frugibus
multum preciosa [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] ita ut [illegible] in-
pleat [illegible] orbem. Sinus egipti est canopea
a canopo menelai gubernatore ibi sepulto
sic dicta, ut dicit ysidorus li. xv. Hec fuit
[illegible] et a filia eius [illegible] ut
dicit ysidorus li. x°. Hec regio multas
habet provincias precelaras et civitates famosas,
sicut est memphis ab epapho [illegible] filio
edificata et thebis metropolis egipti, eliopolis
et alexandria et multe alie, ut
dicit ysidorus li. xv°. ¶ Egyptum autem
orosius dicit esse geminam, scilicet inferiorem et
superiorem, que in oriente per longum extenditur,
cui est a septentrione sinus arabicus,
a meridie oceanus. Nam ab occasu ex
egipto inferiore incipit et ad orientem
rubro mari terminatur. xxiiii gentes
nationes. Habet autem deserta multa egipti
superior, in quibus multa sunt monstra
et animalia monstruosa. Ibi pardi et ty-
grides, ibi satiri, basilisci, aspides, cera-
stes et serpentes. Nam et in finibus egipti
et ethiopie iuxta fontem nigris, ubi
creditur esse caput nili, catoblepas.
Que quidem corpore est in tota modica
et in membris iners atque pigra. Caput habens
valde grave, propter quod saluti mortalium
est provisum, [illegible] [illegible] [illegible] [illegible]
[illegible] est, quia nullus eum directe
in faciem videre posset, quin statim
sine remedio aliquo expiraret. [illegible]
[illegible] eius et serpenti qui dicitur basiliscus

ut dicit Plinius libro [illegible] capitulo [illegible] In Aegypto marmor habundat [illegible] et potum [illegible] fluminales equi [illegible] propter [illegible] [illegible] Nili.

De Elladis provincia

Elladis provincia est antiqua in Europa a rege Ellena dicta Deucalionis et Pirrae filio a quo et Graeci Ellenes sunt vocati. Et in hac provincia fuit antiquitus Graecia ubi quondam fuit Athenarum civitas, mater liberalium artium, philosophorum nutrix, qua nihil habuit Graecia clarius vel nobilius. Cui est proxima Achaia provincia et Boetia ut dicit Ysidorus libro xv. Huius Elladis duplex est provincia scilicet Boetia et Peloponensis, et Boetia scilicet Boetia supra dicta est et alia post dicta. Huius Elladis [illegible] Ellespontus ubi multa [illegible] mira ut dicit Plinius libro v capitulo [illegible] Iuxta inquit Ellespontum dicit [illegible] gentes [illegible] [illegible] quos ophiogenes vocat quorum contactu sanantur ictus serpentium, sola manu apposita extrahunt quae morsibus sunt venena. Dicit etiam Varro ibi esse aliquos quorum saliva medetur contra ictus anguium et serpentum. Est Ellespontus maris mediterranei ut dicit Ysidorus libro 14 in septentrione utrosque magnis anfractibus iuxta Gracos et Illiricum in angustias vii stadiorum constringitur ubi Xerxes rex fecit pontem navibus et transitum gentium praebuit [illegible] aqua [illegible] in proportione [illegible] passibus [illegible] dicit [illegible] ab illis a sorore [illegible] fugiens [illegible] insidias [illegible] in mare et mortua est. Cuius ex nomine Ellespontum mare et pontum circumitum nomen dedit.

De Solla insula Siciliae

Sola insula est Siciliae ab Solo [illegible]

filio qui post [illegible] [illegible] appellata [illegible] [illegible] ut dicit Varro [illegible] [illegible] Et est terra nebulis et fumosis vaporibus [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] insula [illegible] ut dicit Ysidorus libro xv. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] alys.

De Franconia provincia

Franconia Germaniae est provincia in Europa a Francis illius regionis incolis denominata. Cuius metropolis Herbipolis est nominata sita super amnem magnum. Ab oriente habet Turingiam et Boemiam, a meridie Danubium et Bavariam, ab occasu Sueviam et Alsatiam, a septentrione Hassiam provinciam. Cuius metropolis est Maguntia [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] populosa.

De Francia et de Parisius

Francia quae et Gallia a Francis Germaniae populis ut dicitur nominata. Ab oriente habet fluvium Renum et Germaniam, ab euro habet Alpes Penninas, a meridie provinciam Narbonensem, ab occidente et ab occasu provinciam Aquitaniae, a [illegible] oceanum Britannicum a septentrione insulam Britanniam. Est haec Francia quae in Gallia Belgica et [illegible] [illegible] [illegible] dicitur sic vocata ut [illegible] [illegible]

Et decora est francia glebarum ubertate
[illegible] fructibus fertilis flu-
minum et fontium affluentia insignis
Quia duo nobilissima gallie flumina
[illegible] scilicet rodanus
[illegible] et [illegible] lapides
[illegible] nobiles et ad edificiorum
[illegible] et potissime parisiorum
solum [illegible] ab incolis
[illegible] plastro [illegible] extollitur
Nam terra est [illegible] et experientia docente
[illegible] in lapidem transmutata qui
lapis [illegible] cum aqua calida [illegible]
[illegible] fiunt pa-
rietes et edificia [illegible] et multi-
plicia pavimenta et [illegible]
[illegible] opere et plasmata [illegible] statue
admodum lapidis [illegible] ¶ Et
cum multas habeat francia nobilissimas
et famosissimas civitates parisius est
omnium merito obtinet principatum. Nam sicut
quondam athenas mater civitas liberalium
artium et litterarum [illegible] fons
[illegible]
[illegible] solum francie [illegible]
[illegible]
moribus [illegible] Nam velut [illegible]
mater [illegible] partibus adve-
nientes colligit [illegible] sub-
venit parisius [illegible]
[illegible] sapientibus et [illegible]
tibus [illegible]
[illegible] artes et
[illegible] philosophantibus [illegible]
et pratorum et [illegible] pulchritudine [illegible]
[illegible] in studio [illegible]
[illegible] et domorum [illegible]
[illegible]
[illegible] aliorum [illegible]
[illegible] universis [illegible]

[illegible]

De flandria provincia

Flandria est provincia gallie belgice iu-
xta [illegible] germania
ab oriente insulam britanniam [illegible]
ab oriente mare gallicum a occidente [illegible]
[illegible] et burgundiam. Hec provincia
[illegible] sit [illegible] multis tamen locis
[illegible] Est enim terra pascuis
[illegible] et pecudibus plena, no-
bilissimis [illegible] et portubus maris munita
[illegible] famosa [illegible] et terra undique
fossa [illegible] robusta
[illegible] et in [illegible]
[illegible] venusta facie
[illegible] affatu blanda gestu ma-
tura vita honesta [illegible] pacifica
[illegible] fida [illegible] et ingenio
in opere lanificio preclara per industriam
[illegible] magnam partem orbis [illegible] Nam
[illegible] lanam quam sibi anglia [illegible]
in [illegible] nobiles [illegible] artificio [illegible]
mutatos per mare et terram multis regionibus
administrat. Est autem terra plana et [illegible]
[illegible] in multis locis multas [illegible]
arbores [illegible] multas silvas [illegible]
autem in quibusdam locis palustribus in quibus
[illegible] que silvarum [illegible]
[illegible] quo ad ignem [illegible] Nam
ex eis calidus et fortis solet fieri ignis magis
efficax quam ex lignis [illegible] et [illegible]
quo ad [illegible] et gravior quo ad [illegible]
[illegible] et odorem

De fenicie provincia

Fenices provincia a phenice fratre ca-
thmi est dicta quia fenix a thebis
[illegible] in siria profectus apud sidonem regna-
vit et ex suo nomine feniciam appellavit
[illegible] ubi est [illegible] quia [illegible]
[illegible] ab oriente arabiam a meridie
mare rubrum, ab occidente mare mediterraneum

A septentrione montem libanum. Ibi terra est optima in arboribus [illegible] fructibus et frugibus fecundissima. Terra lacte olei et mellis. Terra est montuosa [illegible] campestris et irrigua fontibus aquis putris montibus metalla diversa quae fodiuntur.

De frigia

Frigia minoris asie est provincia sic dicta a frigia europe filia regio bitinia galacie ex parte aquilonis [illegible] thonie vero dux [illegible] adheret [illegible] oriente ab aquilone vero mare [illegible] terminatur ut dicit ysydorus li. xv. Sunt autem duo frigie maior et minor [illegible] et [illegible] dividit fluvius [illegible] a frigia ut dicitur. Frigia autem dardania est a dardano appellata qui profectus de regione [illegible] tio [illegible] suo frigiam obtinuit et [illegible] gnans a suo nomine frigiam dardaniam vocavit [illegible] autem [illegible] occupavit ut dicit ysydorus li. 9o.

De frixia provincia parva

Frixia est provinciola in finibus inferioribus germanie super litus oceani tractu longissimo constituta, quae a fine [illegible] incipit et mari dano terminatur. Cuius insule [illegible] a germanis nuncupantur [illegible] situ autem et moribus multum differt a germanis. Nam omnes in [illegible] circularis [illegible] quo [illegible] sunt nobiliores tanto altius [illegible] et gloriosius arbitrantur. Est autem gens viribus fortis procera [illegible] animo [illegible] corpore agilis [illegible] nis utuntur [illegible] pro sagittis. Terra est plana pascuosa palustris et nemorosa lignis carens [illegible] [illegible] [illegible] [illegible] aut bona [illegible] [illegible] [illegible] est libera

[illegible] suam [illegible] [illegible] sub [illegible] [illegible] [illegible] [illegible] [illegible] mortem diligunt [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ambiunt et [illegible] [illegible] sub militie [illegible] [illegible] [illegible] subsunt tamen iudicibus quos annuatim [illegible] eligunt qui rem publicam [illegible] ordinant et disponunt [illegible] mulierum [illegible] et [illegible] [illegible] [illegible] puniunt [illegible] et filias [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quo [illegible] [illegible] [illegible] [illegible] [illegible] sobolis [illegible] [illegible] [illegible] et robustam.

De insulis fortunatis

Fortunatarum insule ab occeano sunt site contra levam mauritanie occiduo proxime et [illegible] mari distincte ut dicit ysydorus [illegible] [illegible] [illegible] fructuum fertilitate fortunate insule vocate sunt quas gentilium error et carmina prophetarum [illegible] soli fertilitatem paradisum esse vocaverunt ut dicit ysydorus li. xv. Idem dicit plinius li. [illegible] ca. [illegible] et dicit [illegible] arbores [illegible] a [illegible] proceritatem in [illegible] est pomorum et avium multitudo [illegible] mellis habundantia [illegible] et maxime in [illegible] insula a multitudine [illegible] [illegible] nominata. [illegible] invincibilis est fortitudo et maxime in [illegible] insula que est a multitudine [illegible] [illegible] fortitudinis et magnitudinis [illegible] nominata.

De galilea

Galilea est regio palestine [illegible] [illegible] [illegible] gignat candidiores [illegible] [illegible] palestina [illegible] [illegible] [illegible] superior et inferior et sunt contigue ad invicem et tamen adherentes syrie et fenici

Veruntamen gleba terre et optima frugibus fecundis dimissis et olivis ubertima et fecunda de quibus est regina [illegible] ne flumine [illegible] et alia aliqua sunt ibi lacus [illegible] nobiles maximi [illegible] et salubres qui pisces magnifice [illegible] et pisces nutriunt [illegible] maria [illegible]. Est autem ut dicit ysidorus lacus tyberiadis ab oppido tyberiadis sic vocatus. Est et lacus cunctis salubrior et ad sanitatem corporis efficacior. Huius stadia x. in circuitu [illegible] tyberiadis et a lacu genesar [illegible] et aquis est dulcis.

De galathia

Galathia regio est in europa a priscis gallorum gentibus qui eam tenuerunt nuncupata ut dicit ysidorus libro 9 et 14. Nam galli et a rege bitinie in auxilium vocati regnum cum eo obtenta victoria diviserunt sicque deinde grecis admixti primo gallogreci, nunc autem ex antiquo gallorum nomine galli dicuntur. Unde eorum regio gallatia nuncupatur. Est autem regio galathia et fertilissima europe, continens [illegible] magnam partem [illegible] vocatur.

De gallicia provincia

Gallicia provincia est in yspania a candore populi et regionis [illegible] ceteris yspanie populis dicuntur esse albiores. terra dicitur esse fructifera occeano [illegible] multis habundans [illegible] hii igitur cum sibi originem ascribunt [illegible] et [illegible] ut dicit ysidorus libro 9. Nam post troianum bellum plures ex grecis ad galliciam sunt [illegible] et ibi [illegible].

De gallia provincia

Gallia europe provincia est inter pireneos montes et occeanum britannicum constituta que a candore populi est sic antiquitus nuncupata. gallia enim grece lac dicitur latine, et ideo sibilla eos gallos id est candidos vocat. [illegible] dicuntur lacteo candore [illegible] vivi, [illegible] celi et terrarum [illegible] et [illegible] et superbos [illegible]. Sed roma gravior [illegible] Gallia [illegible] ut dicit ysidorus libro 14. hec regio ab oriente habet germaniam, ab occidente hyspaniam, a meridie italiam, ab aquilone vero occeano britannico terminatur, ut dicit ysidorus. hec autem continet [illegible] belgica, celtica et aquitania. Super has provincias franci inhabitant a quibus francia appellatur. [illegible] in libro de francia et francis.

De gadis insula

Gades insula est in fine yspanie sita que dividit affricam ab europa in qua hercules posuit columpnas mirabiles tam insignes et [illegible] maris faucibus occeani [illegible]. Est autem proxima terra c. et xx. passibus separata, quam tyrii de rubro mari profecti occupantes in lingua sua gadis id est undique conscripta in qua crescit arbor palme similis cuius gummi [illegible] gemmam reddit, ut dicit ysidorus libro 15. Est autem insula fructibus et speciebus ditata multas partes orbis et precipue orientis et aquilonis.

De grecia provincia

Grecia a greco rege est vocata qui eam regionem [illegible] et [illegible] suo nomine nominavit ut dicit ysidorus libro 14. Sunt autem eius provincie [illegible] hec ab occidente dalmatia [illegible]

de galacia

de galitia provincia

galia provincia

de gadi

de grecia

Inter tesaliam post macedoniam posita achaya et due in mare s. creta et ciclades. Est autem regio latissima nullis aliis non [illegible] appellata terrarum et marium diuitiis opulenta, multorum regnorum domina, multarum nationum pater, mater et nutrix [illegible] bonarum artium et magistra. Cuius gens antiquitus fuit bellicosissima, doctrina et sapientia polita, moribus districta, legibus subdita, [illegible] contra [illegible] mansueta, [illegible] et domesticos et contra hostium iniurias [illegible] nimium et infesta, sicut in libro [illegible] laudibus narrat Varro.

De getulia prouincia

Getulia affrice est prouincia a getis qui et gothorum progressi [illegible] dicitur nominata, ut dicit ysidorus libro [illegible] qui ingenti [illegible] congregato nauigio usque ad partes libie peruenerunt, et ibi sedes suas usque hodie posuerunt. Et quia ex getis [illegible] dicti nomine getuli [illegible]. Et ideo est opinio apud gothos mauros ex illa gente sibi esse consanguineos et propinquos ut dicit ysidorus libro [illegible].

De gaulon insula

Gaulonii gens est iuxta illos a meridie usque ad occasum [illegible] uagans in desertis et discurrens. Hiis nomen gaulon insula dedit, que est iuxta ethyopiam, ubi nec serpens nascitur nec uiuit ut dicit idem. Sunt et in fine affrice populi bestiales qui garamantes uocantur a garamante rege, Apollinis filio nominati, qui ibi ex suo nomine garama oppidum condidit et construxit. [illegible] plinius [illegible] humanitatis [illegible] remoti.

De gordonibus

Gordones sunt insule oceani [illegible] prothotecio [illegible] uocant [illegible]

quas [illegible] [illegible] insule [illegible] et [illegible] insule illi [illegible] ut dicit ysidorus libro [illegible].

De prouincia gothie

Gothia situs [illegible] in europa que [illegible] a magog [illegible] est nominata ut dicit ysidorus libro [illegible] Unde dicit quod ueteres illas nationes magis [illegible] gothos nominauerunt. [illegible] fortissima gens corpore [illegible] et [illegible] ferocissima et [illegible] sobolis maxima pars [illegible] et [illegible] populata. [illegible] sobolis [illegible] multitudine [illegible] ex parte [illegible] in affrica amazones, in asya [illegible] progenies processisse ut dicit idem libro [illegible] et [illegible]. Est autem hec regio [illegible] latissima ab aquilone [illegible] et danaie [illegible] [illegible] mare oceano [illegible] Huic nationi [illegible] insula [illegible] nomine gothlandia [illegible] gothorum prima dicta [illegible] gothi [illegible]. Et est insula [illegible] [illegible] et [illegible] [illegible] Nam [illegible] ad illam [illegible]. Et fuit [illegible] [illegible] et [illegible] [illegible].

De guidone insula

Guidon est regio in insula [illegible] affrice [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] super [illegible]

De india regione

India [illegible] est regio in asia sic dicta ab [illegible] [illegible] [illegible] [illegible] mare indico [illegible] usque ad ortum solis et a septentrione usque ad [illegible] [illegible] [illegible] multas et [illegible] insula [illegible] [illegible]

de guidone insula

de india regione

[illegible] [illegible] ... estatem et argenteam
[illegible] [illegible] estivas et frondas
[illegible] [illegible] et arboribus quibus folia
[illegible] [illegible] et maior India flumen ob
nomen [illegible] et gangen et indum [illegible] hypa
[illegible] [illegible] illustrantibus est
[illegible] India favonii vento saluberrima
[illegible] [illegible] fruges mittit [illegible] gignit
[illegible] elephantes ingentes
monstruosa bestia [illegible] Ebenum
et lignum cinamomum piper et calamum
aromaticum mittit Ebur lapides preciosos
berillos crisopassos carbunculos adamantes
margaritas et uniones quibus nobilium ar
det ambitio feminarum Ibi sunt montes
aurei quos adire propter dracones et gri
phos et inmensorum hominum monstra impo
ssibile est ut dicit ysydorus cuius est omnia
Verba supradicta ut patet in libro xv. ¶ Dicit autem
India inter omnes regiones orbis maior
opulentior potentior populosior Amb
[illegible] et iudeorum potentia et multitudine
[illegible] plinius in libro vi capitulo [illegible] Dicit enim
que sunt reges in India multi quorum
aliqui habent [illegible] milia armatorum
Aliqui habent et [illegible] milia
elephantorum qui per omnes dies [illegible] prodiat
[illegible] multarum opum est maxima [illegible]
Alii habent peditum [illegible] milia et equitum
mille et elephantorum [illegible] Et hii
omnes ad [illegible] bellorum sunt parati
[illegible] patet quod terra illa est potens et opulen
ta [illegible] ut dicit [illegible] Indorum quidam
tellurem exercent quidam militiam super
[illegible] Alii merces suas vehunt [illegible]
[illegible] Alii [illegible]
[illegible] Alii regibus assistunt Alii
iudicia exercent quidam [illegible]
[illegible] et [illegible]

disciplinam. Et [illegible] inter omnes re
giones sit vastior et maior Et [illegible]
omnibus mirabilior est Nam ut dicit
plinius libro vii capitulo ii India [illegible] in loco
[illegible] [illegible] Ethiopia miraculos
habundat In India enim gignuntur
[illegible] animalia et canes ceteris grandi
ores arbores et tante proceritatis sibi
[illegible] dicitur ut sagittis superari nequeant
[illegible] autem facit ubertas soli temperies celi
et habundantia aquarum sicut arbor
ibi interea sic protendit ut sub [illegible]
latitudine multe turbe militum possent
[illegible] harundines etiam ibi sunt
tante proceritatis ut singula internodia
alueo navigabili ternos homines [illegible]
Sunt autem homines ibi magne
stature altitudinem v cubitorum [illegible]
[illegible] qui nec [illegible] nec [illegible]
[illegible] capitis nec [illegible] oculorum
[illegible] [illegible] Nec ex immoderato
calore solis eorum corpora ledunt [illegible]
[illegible] Sunt etiam eorum quos [illegible]
[illegible] vocant ab ortu diei usque ad
occasum stando in calidissimis arenis
solem inmobilibus oculis intuentur In quibusdam
etiam montibus sunt homines qui habent
aversas plantas et digitos in pedibus
sunt qui [illegible] pellibus vestiuntur la
[illegible] ut canes et alii non longe
[illegible] et aucupio vivunt unguibus
et dentibus sunt armati in [illegible]
sunt [illegible] plus quam [illegible]
milia ut tradit [illegible] Sunt etiam
in quadam parte Indie qui non parent
nisi semel et genitum [illegible]
ibi [illegible] et [illegible] homines monstruosi
de quibus in tractatu de [illegible]
monstruosis dictum est ¶ Sunt et

Quidam homines in hac oriente nascuntur Indie circa [illegible] magnos homines sine ore bestiis frondium lanugine qui solo odore narium vivunt nec aliquid comedunt sed solum odorem florum et silvestrium malorum naribus attrahunt et sic vivunt. In maiori odore cito moriuntur. Sunt et alii qui diutissime vivunt et numquam senescunt sed in media etate moriuntur. Sunt et qui in iuventute sunt cani et in senio nigrescunt. Hec et multa alia recitat Plinius ibi miranda.

De hyrcania

Hyrcania regio est in Asia sub iugis Caucasi montis est latissima habens multas gentes lingua et moribus differentes ut dicit Ysidorus libro xv°. Dicit etiam Orosius quod se extendit a monte Caucasi usque Scythia habens gentes xliiii propter fertilitatem longe lateque vagantes. Ex quibus quidam agros incolunt quidam venationibus vivunt quidam non tantum ut bestiales sed potentius monstruosi carnibus humanis vivunt et sanguinem eorum bibunt ut dicit Ysidorus libro [illegible]. Sed et yrcania est dicta a silva hyrcana que subiacet Scythie habens ab oriente mare Caspium a meridie Armeniam minorem a septentrione Albaniam ab occasu Hiberiam. Est autem silvis aspera copiosa immanibus feris scilicet tygribus et pantheris. Gignit etiam aves que dicuntur hyrcane quarum penne nocte perlucent et tales et aves in Germania inveniuntur ut dicit et Ysidorus ibidem. Ab istius hyrcanie populo [illegible] et Johannes yrcanus filius Simonis summi sacerdotis tempore Machabeorum a quibus dictus Johannes yrcanus denominatus est ut dicit magister in hystoriis in principio hystorie evangelice et dicit Ysidorus et Josephus.

De idumea regione

Idumea est regio Arabie ab Edom id est ab Esau filio Ysaac nominata. Nam filii Esau qui Edom sunt nominatus expulsis habitatoribus terram illam inhabitaverunt et unum Idumea [illegible] nominatur. Item [illegible] a palestina separatur [illegible] usque ad rubrum se extendit. Est autem [illegible] fortis et montuosa sub forti calore [illegible] et non molle [illegible] contra solis [illegible] sibi domos sub terra [illegible] ut dicit glosa.

De Iudea regione

Iudea est regio in palestina ex nomine Iude appellata ex cuius tribu reges fuerunt. Hec prius Canaan est dicta a filio Cham sive a decem Cananeorum gentibus quibus expulsis Iudei illam terram possederunt. Cuius longitudinis vicus a vico Arpha et usque ad vicum Iuliadem porrigitur. In quo Iudeorum et Tyriorum communio est. Latitudo autem eius a monte Libani usque ad lacum Tyberiadis se extendit. In medio autem Iudee est civitas Ierosolimorum quasi umbilicus totius regionis terre. Varia opibus dives frugibus et fructibus valde fertilis aquis illustris opima balsamis habundans in metallis dives palmis cypressis et aliis nobilissimis arboribus insignis plena vineis malogranatis et olivis terra lacte et melle [illegible] Iudei cum fratribus regionis [illegible] progenitoribus pollicitus est ut dicit Ysidorus libro xv°. Et de hac dicit Plinius libro v° capitulo xiiii°. Iudea pars Syrie que late longeque funditur Egipto et Arabie est proxima dispersa montibus quia Iordanis flumen [illegible] et Galileam a ceteris Iudeis dividit [illegible]. In Iudea autem Ierosolima est civitas clarissima urbium orientis. Hic [illegible] fontes calidos et salubres. Hic et [illegible] mare mortuum quod lacus Asfaltidis dicitur [illegible] quod nihil gignit nisi bitumen in quo nihil vivit. Et si proiectum fuerit aliquid vivum supernatat. Ab hoc lacu Iordanis [illegible] et laudat [illegible] aquas pestilentibus [illegible].

De Iberia regione

nota de gentes bestiales

Idumea regio

[illegible] regio in asya sui posita [illegible] [illegible] habitatores habuit nasya [illegible] ut dicit ysy. li. xv.

De ytalia regione

[illegible] est regio magna in europa [illegible] primo ab grecis possessa olim [illegible] ut dicit ysydorus [illegible] Saturno Saturnia [illegible] qui fugiens a Jove [illegible] expulsus ibi latuit, postmodo [illegible] ab ytalo rege ibi regnante ytalia est nominata. Cuius situs in longitudine amplius quam latitudine a circio in eurum porrigitur a meridie tyrreno mari ab aquilone adriatico clauditur, ab occasu alpium jugis finitur. Que terra est in rebus omnibus pulcherrima, soli fertilitate pabuli ubertate gratissima. Nobiles habet lacus benacum, averni atque lucrinum. Et multos alios fluvios nobiles ut eridanum sive padum, tiberim et ticinum. Et hec terra gignit gemmas [illegible] margaritas et corallium [illegible] et multas aliarum specierum [illegible]. Hec regio dicitur hesperia ab hespero stella [illegible] et yspania [illegible] navigio in ytaliam et in yspaniam [illegible] yspania dicitur hesperia [illegible] sub [illegible] et latina [illegible] ut ysydorus narrat li. xv. ¶ [illegible] autem regionis [illegible] ytalia obtinet principatum. Insulas [illegible] et nobiles portus maris [illegible] civitates [illegible] templa [illegible], civitates populosissimas muris fossis et aliis apparatibus bellicis munitas. Auri et argenti copia habundantes ut dicit plinius li. 2º famosas et potentissimas [illegible] insulas [illegible] et [illegible] Est autem [illegible] oriente septentrione et occidente altissimis alpibus et [illegible] undique circumdata. Ex quibus oriuntur nobilia flumina scilicet Renus et

Danubius qui germaniam perfluunt, et Rodanus in Gallia et multi alii per gallia maxime burgundiam et Nerbonensem et belgicam in locis pluribus [illegible].

De yspania provincia

Hispania prius ab ybero hispane flumine iberia nuncupata, postea ab hispalo fluvio est de hispania est nominata. Et ipsa nunc hesperia ab hespero stella occidentali sic fuit antiquitus nominata. Est autem sita inter affricam et galliam a septentrione pireneis montibus clausa, et reliquis partibus est undique mari conclusa. Salubritate celi equalis omni frugum genere fecunda, gemmarum et metallorum copiis ditissima. Sunt fluvii autem eius flumina nobilissima scilicet betis minius hyberus tagus et aurum trahens et paululo [illegible]. ¶ [illegible] provincias scilicet terraconensem cartaginem, lusitaniam, galiciam, beticam, et transfreta in regione affrice tingitaniam. Est autem duplex yspania scilicet citerior et ulterior [illegible] ysydorus li. xv. / Dicit autem [illegible] hyspania universo terrarum situ trigona est, a circumfluxione oceani tyrrenique pelagi pene insulla efficitur, huius angulus est prior qui spectat ad orientem a dextris est ei aquitania provincia, a sinistris baleartico mari coarctatur, et narbonensium finibus inseritur. Secundus eius angulus circium intendit ubi bibracta civitas galicie sita est, et ad speculum britanie se erigit. [illegible] eius angulus eque gades insule [illegible] ad affricum athlanti intuens [illegible] oceanum prospicit. Sicut inquit Orosius. Hyspaniam etiam in multis commendat plinius li. [illegible] c. et maxime de metallis dicens quod fere tota habundat auro et argento [illegible] et ferro stagno et plumbo tam albo quam nigro. Reperiuntur plures gemme ut mitras bitumen et [illegible] quas quidam [illegible] dicunt solobiti alii dicunt [illegible] [illegible] Ibi etiam dicit ysydorus. Nam

Multas habet provincias particulares nobis no-
tas et Galicia que sibi vendicat originem
ut dicit Ysydorus libro 9°. Asturia sic dicta
est quia montibus contra Asturia flumine
undique sit circumsepta. Est et celebrianorum
a [illegible] super [illegible] fluminis [illegible]
[illegible] sic vocatum.

[y]bernia insula

## De hybernia insula

nota

Hybernia est omnium insula in europa
britannie insule vicina spacio terrarum
angustior sed situ est fecundior. Hec ab af-
frico in borea porrigitur ut dicit ysydorus
libro xv°. Cuius partes priores in ybernicum
et cantabricum oceanum tendunt. Unde et
ab yberon oceano est ybernia vocata. Est
autem insula fertilis pascuis uberri-
ma fontibus et fluminibus, virginea prata
et silvas amena, in metallis fecunda et
gemmifera. Nam ibi gignitur lapis exagon
yris, qui soli appositus format in aere
celestem arcum. Ibi etiam invenitur [illegible]
qui gagates dicitur. Ibi margarita [illegible]
inveniuntur. Quantum ad salubritatem aeris
ybernica regio valde temperata, modicum
est ubi ibi excessus vel nullus in frigore
vel calore. Lacus habet mirabiles atque fon-
tes. Nam ibi lacus est in quo si per aliquod spacium
lignum palus figatur, pars terre
que est infixa convertitur in ferrum, pars vero
que est in aqua in lapidem, sed que supra aquam
manet lignum. Est alius lacus in quo
si proieceris virgas corule convertuntur in
virgas fraxini et econverso si virgas fraxineas
proieceris in corulas mutabuntur. Sunt
etiam ibi loca in quibus numquam putrescunt mor-
tuorum cadavera, sed ibi semper permanent incor-
rupta. Est et quedam in ybernia insula
parva in qua homines non moriuntur, sed cum
nimio senio afficiuntur ut moriantur extra in-
sulam deferuntur. ¶ In ybernia nullus
est serpens, nulla rana, nulla aranea ve-
nenosa, immo tota terra [illegible] est contraria
venenis, et terra inde delata aspersa serpentes
perimit et bufones. Lana [illegible]
et alia vasa [illegible]
et bufones [illegible]
statim moriuntur. [illegible]
in Francia et in [illegible]
in qua est insula [illegible]
in magnitudine [illegible]
aspera. Ibi angues nullus [illegible]
[illegible] et [illegible]
[illegible]
per [illegible]
Ibi nulla apis [illegible] in pulverem
seu lapillos si quis sparserit inter alvearia
examina favos deserunt. ¶ Mare autem
ybernicum inter britanniam [illegible] et [illegible]
et toto anno [illegible] est navigabile nisi paucis
diebus. Diffunditur autem per [illegible]
[illegible]
et mirabilibus mundi. Gens ybernica
est vita [illegible] simplex et [illegible]
[illegible]
[illegible] benigna, et maxime
ista gens que nemora et paludes inhabitat
[illegible]
[illegible]
[illegible]
[illegible]

## De hyrcania insula

de yrcania insula

Hyrcania est insula [illegible]
ab oriente [illegible] mare [illegible]
[illegible]
[illegible] inhospitalis est [illegible]
[illegible]. Dicitur autem yrcania ab yrcano [illegible]
que ei subiecta est, ut dicit ysidorus libro [illegible].
Insula autem dicitur terra mari vel flumine
undique in omni latere vallata quasi in salo
sita, ut ysidorus libro xv°. Undique aquarum fluctibus
insula [illegible]
[illegible]
[illegible]
[illegible]

[illegible] insule [illegible] duo flumina [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] augmentatum [illegible]
aque [illegible] [illegible] pinguiores [illegible]
[illegible] [illegible] [illegible] et redundantur

De karthaginensi prouincia

Karthago [illegible] est [illegible] ciuitatis et prouincie [illegible] in yspania. Et est duplex s. maior et minor. Et utraque [illegible]. Nam dido [illegible] [illegible] fratris in [illegible] [illegible] [illegible] et cum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cartago est nomita. Et ab hac ciuitate [illegible] [illegible] [illegible] imposita [illegible] est nomata [illegible] ciuitate [illegible] [illegible] [illegible] [illegible] nomata [illegible] [illegible] emula roma. Scipio [illegible] romanorum [illegible] destruxit [illegible] et [illegible] ut dicit ysydorus. [illegible] [illegible] a romanis [illegible] est postea [illegible] ut dicit ysydorus [illegible].

Est uero alia cartago in terra affrica [illegible] [illegible] et [illegible] sita a septentrione mari siculo iuncta, et a meridie [illegible] ad getulorum regionem [illegible]. Cuius [illegible] proxima [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] metallis plena [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] gentibus [illegible] [illegible] ysy. li. [illegible] [illegible] [illegible] elephantes et alias bestias [illegible] dicit [illegible] li. [illegible] ca. [illegible].

De karinthia prouincia

Karinthia prouincia est moderata germanie in europa [illegible] pannoniam ab oriente ytaliam ab occidente danubium a septentrione dalmatiam et sclauoniam a meridie montibus [illegible] [illegible] [illegible] [illegible] alia maria adriaticum terminat. Est terra fertilis in multis locis habundans [illegible] [illegible] et iumentis gens est bellicosa et fortis munita in opidis et castris.

Est autem terra [illegible] [illegible] [illegible] [illegible] [illegible] multorum [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] montana [illegible] ut dicit sunt [illegible] ibi [illegible] [illegible] bisontes et alie bestie mirabiles [illegible] ibi etiam sunt [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] atque pinguia.

de karinthia

De korsica insula

Korsica est insula a quodam duce sic nomata [illegible] sardiniam [illegible] [illegible] [illegible] [illegible] ytalie. Et est insula fertilissima pascuis. Cuius fertilitatem [illegible] quidam thaurus qui pabuli gratia de partibus [illegible] ad istam insulam primus transnatauit. Nam [illegible] illum thaurum quedam mulier korsa nomine illum thaurum cum aliis [illegible] [illegible] maris [illegible] in armento [illegible] illum thaurum mare intrare et quotidie [illegible] [illegible] redire ad armentum [illegible] [illegible] [illegible] sibi pabula thaurorum [illegible] [illegible] est [illegible] ad insulam [illegible] [illegible]. Cuius [illegible] [illegible] [illegible] in insula [illegible] ligures [illegible] [illegible] profecti sunt [illegible] [illegible] mulieris auctoris et ducis insulam korsicam [illegible] nomauerunt. Est autem [illegible] [illegible] angulosa [illegible] [illegible] pabulo, et lapidibus nobilibus [illegible] [illegible] ut dicit ysy. li. xv.

De lacedemonia

de lacedemonia

Lacedemonia que alio nomine dicitur [illegible] [illegible] in finibus [illegible] est prouincia in europa, Cuius [illegible] dicuntur lacedemones, a quodam lacedemone [illegible] [illegible]; hii lacedemones in bello [illegible] [illegible] [illegible] ne [illegible] [illegible] [illegible] domo [illegible] [illegible] et sic ex [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] spartani [illegible] ut dicit ysidorus li. [illegible].

De lectonia prouincia

de lectonia prouincia

de karinthia prouincia

Lethonia Scythie est provincia cui ... loco ... habet viros robustos et fortes bellicosos et feroces. Est autem Lectonia regio cuius terra est frugifera, palustris in multis locis et valde nemorosa, fluminibus et aquis piscosis fertilis et paludibus valde plena et munita, paucas habens alias munitiones preter flumina nemora et paludes. Et ideo non estate sed hieme potest illa regio expugnari scilicet quando aque et flumina congelantur.

## De Livonia

Livonia alia est eiusdem regionis et ydiomatis provincia scilicet que per longum maris occeanum ... a finibus Germanie est divisa. Cuius incole ... gentiles antiquitus erant, quorum ritus fuit mirabilis circa culturam demonum ad similitudinem deorum fictorum et cultum per germanicos viros ... Nam plures deos adorabant prophanis sacrilegiis ... confusa a demonibus exquirebant auguriis et divinationibus ... Mortuorum cadavera tumulo non tradebant sed potius facto rogo maximo usque ad cineres comburebant. Post mortem autem suos amicos novis vestibus vestiebant, et eis pro viatico oves et boves et alia iumenta exhibebant, servos et ancillas cum rebus suis aliis ipsis assignantes una cum mortuo in rogo aliis incendebant, credentes se ... ad quandam viventium regionem feliciter pertingere. Et ibidem est error ... ob gratiam ... multitudinis fidelium et inter spiritales ... provincia tali errore demonum antiquissimo tempore fascinata nunc in parte magna ... multis regionibus subdita vel ... divina ... gladio et operibus germanorum potentia fidem recepit a prioribus erroribus est liberata.

## De Listria regione

Listria est ... [illegible] ... que a Licia et Pamphilia ... [illegible] ... ut ... dicit ... Licaonia ... civitas ... Listria et Derbe ... [illegible] ... ab ... Lustris ... Jovis ... mercurium ... non ... [illegible] ... et dicit ... xiiii.

## De Lidia regione

Lidia fertilis est antiqua regio ... fluminis ... aureis ... diviciarum ... duo reges fratres scilicet Lidus et Tirrenus ... Tirrenus cum magna multitudine ... partem Italie occupavit et Tirreniam nominavit. Lidia autem a Lido fratre ... in provincia regionis ... est ... Pactolus ... fluvius ... aureis arenis ... ut dicit Ysidorus li. xv.

## De Libia

Libia regio est maxima [illegible] sic dicta ... quia libs ... flat ut dicit Ysidorus li. xv. Alii dicunt quod Epaphus filius Jovis qui Memphim in Egipto condidit ex Cassiope uxore sua filiam nomine Libiam procreavit que postea in Africa regnum possedit, a cuius nomine illa terra fuit dicta Libia appellata.

Est autem Libia in principio Africe posita cui ab oriente est Egyptus, ab occidente fines ... a septentrione mare Libicum, a meridie Ethiopia et barbarorum nationes et solitudines inaccessibiles propter bestias feras serpentes et dracones.

que ma[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] nalt fricida et putabus
to [illegible] diversis bestiis pascitur mon
stra [illegible] et [illegible] in diversis
[illegible] [illegible] pta [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
Termina [illegible] [illegible] [illegible]
libia [illegible] [illegible] [illegible] fluuius
[illegible] [illegible] mauritania [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] sup [illegible]

De lothoringia prouincia

Lothoringia germanie est ultima
[illegible] finalis prouincia [illegible] [illegible] [illegible]
nominata [illegible] ab oriente [illegible] terra [illegible]
[illegible] a meridie [illegible] et alsaciam
ab occidente [illegible] gallia a septentrione
gallia belgica [illegible] mosella flumen [illegible]
[illegible] [illegible] ciuitas [illegible] [illegible] [illegible] diuersis
multis locis fructifera [illegible] fontibus
et [illegible] [illegible] montosa siluestris
et nemorosa [illegible] [illegible] et [illegible]
[illegible] gens [illegible] [illegible] [illegible] [illegible]
[illegible] fontes [illegible] [illegible] mirabiles et
medicinales [illegible] [illegible] potu languores [illegible]
[illegible] curantur

De lusitania prouincia

Lusitania est yspanie prouincia habens
[illegible] [illegible] [illegible] [illegible] oppidum
et est regio metallis [illegible] [illegible] [illegible]
et [illegible] stagnum et plumbum album atque
nigrum ut dicit plinius li. [illegible] ca. [illegible]

De mauritanea prouincia

Mauritania a colore populorum [illegible] [illegible]
[illegible] nigrorum [illegible] [illegible] [illegible]
[illegible] colore mauron [illegible] [illegible]
[illegible] a [illegible] [illegible] [illegible] ita mauri
a nigro colore nomen [illegible] [illegible] [illegible]
[illegible] est que [illegible] [illegible] opidum a quo
[illegible] [illegible] [illegible] regio [illegible] [illegible]
[illegible] prouincia est mauritania cesariensis q

colonia [illegible] [illegible] [illegible] nomen [illegible]
[illegible] utraque igitur [illegible] [illegible] [illegible]
ab oriente [illegible] [illegible] [illegible] [illegible]
magnum ab occasu flumen malua a meri
die monte astrixem [illegible] [illegible] [illegible]
terra et arenas [illegible] ad occeanum [illegible]
est mauritania tingitana [illegible] a [illegible] me
tropolitana ciuitate est nominata [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] a montibus septe
fratribus ab oriente flumen malua a septentrione
[illegible] [illegible] [illegible] [illegible] [illegible] athla
lanticum a meridie [illegible] [illegible] gentes
usque ad occeanum [illegible] [illegible] [illegible] et
est regio [illegible] [illegible] ab [illegible] dracones
[illegible] [illegible] [illegible] elephantes [illegible] [illegible]
li. [illegible] [illegible] [illegible] dicit li. [illegible] ca. [illegible] In
mauritania [illegible] est [illegible] [illegible] [illegible]
[illegible] [illegible] athlanti montes [illegible] [illegible]
[illegible] in loco nemoroso [illegible] [illegible]
[illegible] [illegible] sponte [illegible] [illegible] nascitur omnia
[illegible] [illegible] [illegible] [illegible] sanitas [illegible] [illegible]
[illegible] [illegible] incolarum est autem locus ille
[illegible] super nubila atque [illegible] luna
[illegible] [illegible] [illegible] dicitur [illegible] locum noctibus
[illegible] [illegible] ignibus et [illegible] [illegible]
[illegible] lasciuia [illegible] tybiarum ac fistularum
cantu tympanorum [illegible] et cymbalorum [illegible]
[illegible] [illegible] sicut [illegible] autores
produnt [illegible] [illegible] [illegible] ibi arbores [illegible]
procerate [illegible] quorum [illegible] odo acrea et [illegible]
[illegible] [illegible] [illegible] [illegible] lanugine [illegible]
obducta [illegible] [illegible] [illegible] [illegible] [illegible]
sicut [illegible] [illegible] [illegible] herba [illegible] dicitur
eufordia a sua [illegible] [illegible] appellata
cuius lacteum succum [illegible] laudibus extollit
in claritate [illegible] et [illegible] contra [illegible]
[illegible] et [illegible] ut dicit [illegible] [illegible]

De mardonia regione

Mardonia in [illegible] ab [illegible] [illegible]
[illegible] [illegible] dicta [illegible] mardo [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] mardoniam
a suo nomine nuncupauit ut dicit ysydorus li. [illegible]
Est autem [illegible] ab oriente regio [illegible] a [illegible]

de lothoringia prouincia

de lusitania prouincia

de mauritania prouincia

de mardonia

uidelicet achaye, ab occasu dalmatye, a septentrione agrippye ut dicit [illegible]. Fuit autem patria Alexandri magni, et regio in auro et argento optima, lapidemque [illegible] uocat [illegible]. In ea est mons olimpus qui excellenti uertice tantum extollitur ut in [illegible] nec nubes nec uenti nec pluuie sentiuntur ut dicit idem. Et macedonia antea emathia dicta est ut dicit plinius li. 4 ca. 10. Macedonia antea emathia dicta fama imperio est potita. Hec asyam, armeniam, hyberiam albaniamque, capadociam, syriam, egyptum, tartarum, caucasum est transgressa. Hec in bactris, medis, persis dominata est, et possedit totaliter orientem. Hec etiam uictrix dicitur per [illegible] libera patris et herculis [illegible]. Hec est illa macedonia cui [illegible] dux paulus est [illegible] imperator lxxii urbes [illegible] ut ait idem.

## De magnesia prouincia

Magnesia grecie est prouincia iuxta thesaliam et macedoniam [illegible] tas continens grecie oppida et [illegible] ut dicit plinius li. 4 ca. 3.

## De mesia prouincia

Mesia est a messium prouentu uocata et est prouincia, que a danubio usque ad mediterraneum mare extenditur ut dicit ysidorus li. xv. Hec ab oriente [illegible] iungitur, ab euro autem tracie, a meridie macedonie, ab occasu ystrie copulatur, ut dicit idem, est autem regio generosa nimis, multas continens oppida et ciuitates frugibus ferax, habundans in diuersis mineralibus in lapidibus preciosis et metallis.

## De mesopothamia regione

Mesopothamia terra [illegible] regionem possidet, eo quod duobus fluuiis ambiatur. Nam ab oriente tygrim habet, ab occidente eufraten. Incipit autem a septentrione inter montem taurum et caucasum, a meridie [illegible] sequitur babilonia et caldea [illegible] ut dicit ysi. li. xv.

Est autem regio [illegible] diuitiis et metallis.

## De media prouincia

Media a [illegible] rege [illegible] ab oriente [illegible] a septentrione [illegible] ab occidente [illegible] regio [illegible] arbor [illegible] ut dicit ysidorus li. xv.

Est autem regio [illegible] opulentia [illegible] fluminibus irrigua, ciuitatibus [illegible] populosa [illegible] babilonia ac caldeorum [illegible]. Istius autem regionis [illegible] in affricam transiuit [illegible] libys [illegible] quod libys corrupta lingua et barbara mauros uocauerunt [illegible] ubi [illegible] uocata.

## De mellos insula

Mellos est insula una ex cycladibus que omnium insularum rotundissima et ideo mellos i. rotunda uocatur ut dicit ysy. li. xv. Est autem insula [illegible] bonis referta ut dicit plinius [illegible] fertilitas [illegible].

## De media insula

Media quedam est insula [illegible] prouincia que [illegible] est [illegible] collocata sit dicata [illegible] rex qui [illegible] filios totam illam insulam in [illegible] partibus [illegible] illam partem insule que prius [illegible] ad usus proprios deputauit [illegible] hybernie insule [illegible] media [illegible] usque ad hodiernum nuncupatur. Est autem illa prouincia quo ad glebam fertilis [illegible] armentis habundans in piscibus [illegible] et aliis uictualibus [illegible] atque [illegible] fluminibus est irrigua, fontibus atque lacubus multiplicis.

[illegible] ... [illegible]
... [illegible] ...
[illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... ad partes [illegible]

De Missena provincia

M[illegible] ... [illegible] inter [illegible]
[illegible] ... [illegible]
... [illegible] et polonia. Ipsa solis ortu
[illegible] ... [illegible] saxonibus
et [illegible] ... in patria et [illegible]
[illegible] a septentrione [illegible] ... ampla et
spaciosa [illegible] plana [illegible]
[illegible] ... pascuis agris optimis [illegible]
[illegible] flumine Albie per maiori parte
[illegible] longitudinem est perfusa. [illegible]
[illegible] forestis et [illegible] fortia et mu-
nita [illegible] est [illegible]
[illegible] frugibus et pecudibus et metallis. [illegible]
[illegible] populus magnus pulcher [illegible]
[illegible] fortitudine [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]

De Mitilene insula

M[illegible] est insula in mari [illegible]
[illegible] ... in italia [illegible]
[illegible] ... [illegible]
[illegible] ... in mari [illegible]
[illegible] ... mare
et [illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]
Et [illegible] illius insule [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]
insulam [illegible] paulus qui navigavit
contra [illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... in [illegible] insula
insula [illegible] ... [illegible]
[illegible] 25°

De Nabathea provincia

N[abathea] arabie est provincia a nabaioth filio
ysmaelis dicta est [illegible] arabia [illegible]
[illegible] [illegible] ... [illegible] et [illegible]
[illegible] ad mare rubrum [illegible] ... [illegible]
terra pinguis fertilis et frugibus [illegible]
[illegible] lapidibus et metallis [illegible] ...
[illegible] Nabathei [illegible] ...
[illegible] ... [illegible] passuum
in latitudine [illegible] montibus [illegible]
[illegible] ... [illegible] passuum
a [illegible] xxxv passuum.

De Norwegia

Norwegia [illegible] est europe provincia mag-
[illegible] ... sub aquilone [illegible]
[illegible] ... [illegible] terminata. Nam a [illegible]
[illegible] quedam flumina qui
[illegible] ... est divisa. Est autem
regio aspera et frigidissima montuosa silve-
stris [illegible] ... [illegible] plus et piscatura
et venatione [illegible] quam pane. Nam rara est
ibi annona propter frigoris magnitudinem. Ibi
[illegible] et [illegible] albi. Ibi [illegible] est [illegible]
[illegible] ... mira ubi est [illegible] et mo-
[illegible] ... ubi est in quibus [illegible]
[illegible] ... [illegible]
[illegible] aquilonari [illegible] ... [illegible]
in [illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible] alimentis
[illegible] Gens autem est [illegible] sta-
ture et pulcher forme et magne fortitu-
dinis ac robustae [illegible] et au-
dacitatis magne. Ab oriente [illegible]
a septentrione [illegible] ubi mare [illegible]
[illegible] ab occidente [illegible]
et [illegible] dacie et gothie
finibus terminatur.

De Normandia provincia

Normandia quondam [illegible] a norwegie po-
pulis est dicta qui navigio [illegible]
de norwegia [illegible] galliam obtinuerunt
[illegible] ... [illegible]
[illegible] normannia [illegible] Est autem

oceanum ad aquilonem / et a[...] eius affrica [...]
[...]tia et [...] campis ut[...] sibi pl[us]
[...] portubus maris nobilis est et pr[...]
[...] fertilis et [...] [...]tibus et opidis
[...] fort[...] Cuius metropolis est rothomagum
civitas nobilissima super fluvium [sequanam] [...]
ab antiquis vocata. Cuius gens est popu-
lus fortis et bellicosa urbana in habitu mo-
desta in affatu pia clemens pacifica in con-
victu.

De numidia r[egione]

Numidia est regio [...] a tergo
zeugitana et byzacena incipit autem
a flumine amsaga et desinit in zeugi-
tanam / habens ab oriente syrtes minores / a
septentrione in mare tendens iuxta sardiniam /
respicit ab occasu mauritaniam sitife-
nsem / a meridie ethiopum gentes. Et est
regio campis pinguis in nudis locis
Ubi autem silvestris feras generat / ubi autem
iuga sunt ardua equos et magnos procreat
Cuius ultimora [...] bestiis est plena
marmore generat romani [...] numidi-
cum ut dicit ysidorus libro [...]

De narbonensi provincia

Narbonensis provincia est prout dicit plinius
libro iii capitulo v appellatur pars galliae
quae mediterraneo mari abluitur quondam galia
braccata dicta / quam amplius narbo ab ytalia
est distincta et alpium iugis saluberrima [...] pro-
vinciarum / cultura virorum [...] morum
morum nostrorum pluritudine opum breviter ytalia
potius quam provincia est dicenda. Habet no-
bilissima et precipua rodanum galliarum fluvium
fertilissimum et alpibus se rapiens per fluvios
provinciae narbonensis / Stagna habet multa
et portus plures / et promontoria multa
sicut quae massilia obtinet principatum totius
autem narbonensis provinciae longitudo con-
tinet [...] milia passuum latitudo
vero [...] et xlviii. ut tradit agrippa hanc
descripsit plinius.

De ophyr provincia

Ophir nomen est p[...] ab
ophir dicta et postea [...]
quae et terra aurea antiquitus appellabatur
eo quod montes aureos habet in quibus fe-
rocissimis bestiis [...] ad quos nullus
accedere potest nec audet in [...]
[...] terra quia draconibus [...]
[...] [...] [...]
in [...] naves [...] [...]
[...] in mare [...] ut dicit
Rabanus super ysaiam. Et [...]
naves salomonis in ophir [...] aurum
[...] [...] dicit plinius [...]
[...] provinciae aurum lapides preciosos
[...] et adamantem lignum tignum et ebori
aves psittacos [...] [...] simias
bestias alias monstruosas ut dicit plinius et
ysidorus. Ad hanc autem regionem de iudea
per longos maris ambitus veniunt [...]
et per insulam asion gabeth / quam postea
Alexander magnus [...] adquisita ophir
[...] [...] terre ophir [...]
[...] a fluvio ophir usque ad
regionem iudeae / [...] [...]
[...] [...] et ab ophir
[...] ophir tota illa provincia nom-
inatur ut dicit Rabanus super secundum librum
paralipomenon [...] ophir
filius iectan filii heber ut dicit glossa [...]
Est autem ista regio vicina terre evilath quam
[...] ut dicit glossa [...] et in [...]
tibus auris et [...] aromatibus et [...]
[...] prout dicit plinius.

De orlanda provincia

Orlanda est quaedam provincia media inter
[...] [...] inter mare
barbantiam [...] a meridie [...]
ab oriente autem et [...]
ab aquilone inferiora galliae belgicae [...] [...]



Marginalia: numidia regio; narbonensis provincia; de ophir provincia; de orlanda provincia

atque [illegible] abundat. Et [illegible] terra pe
[illegible] [illegible] et in medium insule
[illegible] [illegible] fluuijs [illegible]
[illegible] [illegible] multa et pascua valde
bona [illegible] [illegible] [illegible] et iumen
[illegible] [illegible] [illegible] in multis locis
[illegible] [illegible] et in pluribus est [illegible]
plures et [illegible] [illegible] venationes
in pluribus [illegible] [illegible] [illegible] formant
[illegible] [illegible] [illegible] [illegible] Et est fra
[illegible] [illegible] per mare et per flumina
plurima opulenta. Cuius ciuitas capi
talis est [illegible] [illegible] nuncupatur in la
tino [illegible] dicitur et [illegible] germania
[illegible] [illegible] ad germaniam [illegible] situs
[illegible] [illegible] [illegible] dicitur et etiam quod ad
[illegible] Cuius [illegible] [illegible] est corpore
robusta [illegible] [illegible] [illegible] [illegible]
honesta in [illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] nationes [illegible]

De Orchada

Orchada oceani est insula sub [illegible]
britannie in europa a qua et [illegible]
insule multe [illegible] [illegible] [illegible]
[illegible] insule [illegible] Et sunt [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] ut dicit ysidorus libro [illegible]
in capitulo de insulis

De paradiso terrestri

Paradisus est locus in [illegible] [illegible]
[illegible] [illegible] nominatur a greco
in latino [illegible] [illegible] porro in hebrea
lingua dicitur [illegible] [illegible] [illegible] [illegible]
[illegible] ut dicit ysidorus libro [illegible] [illegible] Est
[illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] ligni et pomifere est [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
in [illegible] nascentia flumina [illegible] [illegible] est
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] flammea [illegible] [illegible] [illegible]
igneo [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] angelorum
[illegible] [illegible] [illegible] flammea
est a deo ordinatum ut homines flammea
angelos uel malos boni angeli [illegible]
ant ne [illegible] [illegible] [illegible] [illegible]
aditus pateant paradisi. [illegible] ysidorus
libro [illegible] capitulo [illegible] [illegible] [illegible] [illegible]
augustinus [illegible] [illegible] capitulo [illegible] [illegible] [illegible]
[illegible] plantauit [illegible] [illegible] a principio
[illegible] et arboribus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et ille locus est
[illegible] [illegible] [illegible] et maribus [illegible]
a [illegible] [illegible] [illegible] adeo [illegible]
altus et [illegible] ad lunarem globum attingat
[illegible] et per [illegible] altitudinem aque diluuij
non [illegible] ut dicit [illegible] Item para
disus [illegible] dicitur [illegible] [illegible] ex visibili
et [illegible] [illegible] [illegible] erat [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] sicut quedam
[illegible] [illegible] [illegible] terre et [illegible] [illegible]
[illegible] [illegible] et ante [illegible] [illegible] quedam
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] Et iste locus diuinus [illegible] est para
disus [illegible] in [illegible] [illegible] [illegible] [illegible]
et uoluptate plantatus [illegible] oriente [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] aere [illegible] fulgens [illegible] [illegible]
floribus ornatus et bono odore [illegible]
[illegible] repletus pulchritudine [illegible]
[illegible] et exultationis promptuarium [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
uina regio et digna [illegible] [illegible] [illegible]
erat in quo nullum [illegible] [illegible]
bitat sed [illegible] diuinarum manuum plasma.
Item strabus et beda dicunt quod paradisus
est locus in oriente positus [illegible] or
[illegible] et montibus oppositis a regionibus
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] altitudine usque
ad [illegible] [illegible] [illegible] locus [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

nullus intemperiei quia non frigus ibi nec estus sed
propria temperies ut dicit Ysidorus. ¶ Item propter
bonorum habundanciam quia ut dicit Aug[ustinus]
de civitate dei li. xiiii c. x. Quid timere
aut dolere poterat in tantorum tanta affluencia
bonorum. Ubi nec aberat quicquam quod bona volun-
tas adipisceretur nec inerat quod carnem aut anim[am]
hominis feliciter viventem offenderet vel in aliquo
molestaret. ¶ Item propter sanitatem dicitur [illegible]
[illegible] vicissitudinibus caret propterea annum
ut dicit Damascenus quod attestatur ramis arborum
[illegible] florum et frondium immarcescibilis pulchritudo.
Nam ibi arbores suis non privantur floribus et
non marcescunt. ¶ Item propter suam iocunditatem
quam attestatur fructuum dulcedo, et ibi est o-
mne lignum pulchrum visu et suavissimum ad vescen-
dum Gen. ii. ¶ Aeris etiam attestatur lux splendi-
tudo nam puritatem aeris claritas lucis pro-
portionat ut dicit Beda. ¶ Item propter soli fecundi-
tatem quod attestatur fontium irrigantium mul-
titudo. Dicitur enim Gen. ii. fons ascendebat et ir-
rigabat paradisum qui est in quatuor flumina
divisus ut dicitur Gen. ii. ¶ Item propter loci situa-
tionem quod attestatur situationis eius altitudo. Na-
turam lunarem tangit circulum ut dicit Beda et Strabo
[illegible] pertingit ad aere[m] [illegible] post diluvi-
um turbulentum ubi finis est [illegible]
tamen et vaporum humidorum quorum fluxus
et regressus lunari corpori appropriatur sicut
exponit Alexander. Scilicet dicitur attingere al-
titudinem orbem lune, scilicet dicitur circulum
lunarem attingere yperbolice, ut eius magna
altitudo et incomparabilis terre structura
insinuetur. ¶ Item propter eius incorruptibilitatem
quod attestatur destructum vite longitudo.
¶ Nam Helyas et Enoch sunt vivi usque hodie
et incorrupti, dicit magister in hystoriis.
Nihil enim ibi prorsus moritur quod inveni-
tur hic in veracitate paradisi. Cum in Yber-
nia [illegible] insulam esse in qua mor-
tuorum cadavera non putrescunt et aliqua
in qua homo non potest mori [illegible]
ultimo senio de illa insula alia [illegible]

[illegible] ¶ De para-
diso autem et aliis [illegible]
[illegible]
[illegible]
[illegible]
partitur ubi [illegible]
fructus ubi in frigus [illegible]
frondium et dulcore fontium [illegible]
ubi ad barbaros [illegible]
unde et gentilium error et secularium carmina
[illegible] fertilitate [illegible] insulas
paradisum esse putaverunt [illegible]
est [illegible]
in oriente [illegible]
[illegible] ut dicit [illegible] ¶ Para-
disus autem in oriente in altissimo [illegible]
de cuius summitate cadentes aque lacum fa-
ciunt [illegible] et in suo casu tantum faciunt
strepitum et fragorem quod omnes incole
prope [illegible] nascuntur surdi [illegible]
nimio sonitu fragoris sensus auditus in par-
vulis corrumpitur ut dicit Basilius in exa-
meron similiter Ambrosius. ¶ Ex illo autem
lacu velut ex uno fonte procedunt illa quatuor
flumina scilicet Phison qui et Ganges, Gyon
qui et Nilus dicitur et Tigris et Eufrates
de quibus in li. xiii sit mentio specialis quere
supra in tractatu de fluminibus.

## De parthia regione.

Parthia est regio maxima in Asia
ab Indie finibus usque ad Mesopotamiam porrecta
nimis fortis et potencia propter vim [illegible]
Parthorum [illegible] a Scithia et [illegible] regio
nomen eius traxerunt. Tenet autem in ea
provincias particulares scilicet Aracusia, Parthia,
Assyria, Media et Persida, que regiones
sunt sibi invicem iuncte, ab Indo flumine
incipiunt et Tigri flumine terminantur, terra
montuosa et aspera et multa flumina
sunt provincie finibus suis distincte nomina
a propriis auctoribus trahentes. Ita Aracusia
ab oppido suo nomen traxit. ¶ Parthia

de parthia regione

[illegible] [illegible] [illegible] cum paucis
et quasi [illegible] [illegible] unde supra
dicitur [illegible] a septentrione hyberniam
[illegible] [illegible] media regna in eadem
[illegible] [illegible] usque ad [illegible] [illegible]
[illegible] [illegible] multis rebus prodigiosis et
[illegible] [illegible] est ut dicit plinius
[illegible] [illegible] sunt [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] et dura est [illegible]
[illegible] [illegible] provincia [illegible] est
[illegible] [illegible] [illegible] et [illegible]
ut dicit [illegible] [illegible] [illegible] super danielem et
[illegible] regno [illegible] xlvii. et bestiam
[illegible] [illegible]

De palestina provincia

Palestina syrie est provincia quondam dicta philistea cuius civitas metropolis que nunc [illegible] dicitur antiquitus philistim vocabatur [illegible] [illegible] tota regio palestina vel philistea [illegible] [illegible] [illegible] palestina [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] philistei pro palestinis dicuntur [illegible] [illegible] [illegible] [illegible] philistiim et [illegible] [illegible] [illegible] allophili [illegible] [illegible] [illegible] [illegible] [illegible] filiis israel [illegible] et [illegible] ab eorum [illegible] [illegible] dicit ysidorus [illegible] regio ut dicit ysidorus libro xv. [illegible] habet ab oriente mare rubrum a meridiano latere iudea [illegible] a septentrionali plaga tyriorum finibus clauditur ab occasu [illegible] [illegible] [illegible] ut dicit ysidorus [illegible] [illegible] [illegible] philistea a filio canaan nomine [illegible] a quo [illegible] sunt [illegible] philistiim et [illegible] ut dicitur genesis [illegible] [illegible] illa ut narrat erodotus [illegible] et [illegible] [illegible] molesta [illegible] regno israelitico et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et marinarum [illegible] [illegible] [illegible] fortitudine et [illegible] [illegible] [illegible] [illegible] ut dicit ysidorus.

De pamphilia provincia

Pamphilia que ysauria dicitur eo quod [illegible]

[illegible] [illegible] est [illegible] ut [illegible] [illegible] provincia est in minori asia [illegible] metropolis [illegible] [illegible] [illegible] ut dicitur qua [illegible] [illegible] [illegible] [illegible] fundavit ut dicit ysidorus libro xv. [illegible] regio maritima ut [illegible] [illegible] a qua in ytalia [illegible] [illegible] ut patet [illegible] [illegible] [illegible]

De panonia provincia

Panonia europe est provincia que ab hunis quondam occupata [illegible] [illegible] ungaria [illegible] [illegible] [illegible] est [illegible] [illegible] et minor [illegible] [illegible] est in ultimis finibus ultra [illegible] [illegible] constituta a qua hunnorum dicuntur [illegible] [illegible] [illegible] et longissima [illegible] [illegible] tandem solum panonie [illegible] qui [illegible] ad [illegible] [illegible] [illegible] in panoniam [illegible] et [illegible] [illegible] et ungariam [illegible] [illegible] origine nomen [illegible] et [illegible] [illegible] ut narrat erodotus. habet autem provincia [illegible] quia duobus fluviis [illegible] [illegible] et [illegible] ut dicit ysidorus libro [illegible] et [illegible] habet autem galathiam ab oriente [illegible] a meridie dalmatiam et italiam ab occidente et germaniam a septentrione ut dicit [illegible] [illegible] autem terra spatiosissima et fertilissima montibus et silvis munitissima multis fluviis et aquis [illegible] [illegible] aureis et aliis metallis ditissima habens montes [illegible] in quibus diversa marmorum genera [illegible] [illegible] et optimum in quibusdam montibus [illegible] [illegible] et [illegible] [illegible] [illegible] panonia [illegible] [illegible] est [illegible] [illegible] et [illegible] in multis locis sunt in terra plures gentes non solum lingua sed moribus et [illegible] [illegible] differentes sicut [illegible] dicit [illegible] [illegible] ysidorus libro [illegible] Panonia a panoniis [illegible] est vocata quibus ab ytalia [illegible] [illegible] [illegible] [illegible] et [illegible] a [illegible] fluviis [illegible] [illegible] [illegible] est [illegible] [illegible] autem ab oriente [illegible] ab

[illegible] bestiarum ab occasu est oceanus ab ori[ente]
[illegible] gallia belgica, a septentrione
[illegible] flumen quod germaniam perfluit
[illegible] dicitur [illegible] nomen [illegible]
quia [illegible] pharonem [illegible]

De Pharon insula

P[h]aron est insula [illegible] a Pharo filio
[illegible] nomen [illegible]
et [illegible] ut dicit Ysido[rus]
li. xv. [illegible]
que pharon [illegible] et ardent [illegible]
[illegible] ut
gemmas [illegible] ut dicit Ysidorus [illegible]
Pentapolis regio est in [illegible] arabie et pa-
lestine dicta a v. [illegible]
que celesti igne [illegible] terra [illegible]
[illegible] magis [illegible] Jerosolima [illegible]
deserta et [illegible], nam [illegible]
de celo descendit ignis qui [illegible]
in cineres [illegible] dissoluit [illegible]
et [illegible] in favillis [illegible]
adhuc durat, nascuntur ibi poma [illegible]
sub tanta specie maturitatis [illegible]
desiderium gignat [illegible]
ac resoluuntur in cinerem fumumque [illegible]
[illegible] adhuc ardeant [illegible] ut dicit Ysido-
rus li. [illegible] hec provincia [illegible]
[illegible] fuit [illegible] lapides saphiri
et alie gemme [illegible] et [illegible]
[illegible] auri sicut [illegible] Job [illegible]
locus saphiri lapides eius et glebe eius
aurum Job [illegible] tota illa regio in mare
mortuum est [illegible] nichil [illegible]
[illegible] nichil recipit quod generis
[illegible] Nam neque pisces [illegible]
neque navigia patitur [illegible]
[illegible] ad fundum demerguntur Lucerna [illegible]
[illegible] supernatat extincta [illegible]
mitur demergitur ut dicit Ysidorus li. xiii.
[illegible] mari mortuo [illegible]
marinis et aquarum [illegible]
[illegible] sodoma [illegible] poma
sana [illegible] pulcherrima [illegible] et

[illegible]
P[illegible] tota [illegible]
[illegible] a v. [illegible]
[illegible] apolonia [illegible]
quibus [illegible]
[illegible]
[illegible]

De Persia regione

Persia [illegible]
[illegible]
ab ortu ad Indos [illegible]
ab aquilone [illegible] medorum [illegible]
[illegible] persia [illegible]
[illegible] nobilissima [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] Persia est [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] persida [illegible]
[illegible] in qua est civitas nobilis [illegible]
[illegible] a Pharo filio
[illegible]
[illegible]
[illegible]
[illegible] pentapolis [illegible]
[illegible] arachab [illegible]
[illegible] civitas alexandria
nobilissima [illegible] auro [illegible]
[illegible]
[illegible]
alexandri [illegible]

De Pirenea provincia

Pirenea est [illegible]
[illegible]
[illegible] dicitur et [illegible]

[illegible] ab [illegible] regione
[illegible]
et [illegible]
[illegible] ab oriente germaniam
[illegible] ab occidente [illegible]
[illegible]
[illegible] regionibus [illegible]
[illegible]
[illegible] ut dicit [illegible]
[illegible] est provincia [illegible]
[illegible] fluvium [illegible]
[illegible] mutat [illegible]
[illegible] metallorum [illegible]
[illegible] multas et diversas [illegible]
[illegible] nationes [illegible]
[illegible] vocat [illegible]

De pigmenia regione

Pigmenia regio est in Iudea [illegible] in montanis contra orientem sita, in qua habitant homines [illegible] corpore [illegible] ut dicit plinius et ysidorus [illegible] ciconie [illegible] et in ortatu [illegible] super [illegible] contra [illegible] ut dicit idem plinius libro 5° in tractatu de hominibus Iudee [illegible] supra.

De pictavia provincia

Pictavia Gallie narbonensis est provincia quam primo angli et scoti a germanie superioribus partibus antiquitus inhabitaverunt et tandem regionem et gentem sua antiqua prosapia nomine imposito reliquerunt, ut narrat historia gestorum [illegible] britannicis [illegible] classe [illegible] terra [illegible] equitum [illegible] et tandem [illegible] bellorum [illegible] in terra obtinentes pictaviam oppidum a pictis [illegible] nomine [illegible] construxerunt et longa

[illegible] pictavia vocatur. Est provinciola per longum maris protenta [illegible] aquitaniam quam preterfluit ligeris. Habet ab oriente yspaniam, a meridie oceanum britannicum, ab aquilone et occidente britanniam [illegible] aquitaniam ab affrico. ¶ Terra provinciola est [illegible] multis ut narrat [illegible] frugum et fructuum multiplicitate [illegible] fertilis et nobilis [illegible] multis oppidulis [illegible] maris portubus insignis [illegible] munitis et oppidis [illegible] amnibus et fontibus irrigua, [illegible] pratis et nemoribus est amenissima, et contra piratas maritimas firmis et rupibus maxime munita ut patet in oppido rupelle [illegible] castro [illegible] pro situ loci et [illegible] ut dicit Isidorus. Cuius gens lingua et moribus gallicis penitus est assimilata. Et ideo [illegible] nationes ut sunt [illegible] a gallis [illegible] et ingenio [illegible] nimis [illegible]. Nam [illegible] ut dicit ysidorus libro 9° secundum diversitatem celi facies hominum et colores, corporum quantitates, et animorum diversitates existunt. Unde romanos graves, grecos leves, affros dolosos et [illegible], gallos natura feroces et ingenio acriores perhibemus, quod utique natura climatum facit ut dicit [illegible]. Et ideo gens pictavie robusta corpore, facie [illegible] audax animo ut dicit [illegible] ingenio et astuta ut veritas idem [illegible].

De picardia

Picardia gallie belgice est provincia a quodam oppido suo castro [illegible] sic vocata ut dicit idem [illegible] regionibus describitur [illegible]. Nam oppidum [illegible] nunc [illegible] dicitur in illo tractu maximo usque ad oceanum britannicum antiquitus obtinuisse.

[Margin notes: "[illegible] pigmenia regione"; "[illegible] pictavia provincia"; "de picardia"]

eius probat a quo totus populus illi[us] [illegible] nomine [illegible]

[T]erra autem ista [illegible] est fructuum valde ferax, irrigua fontibus et fluminibus, silvis habundans, populis munita nobilibus [illegible] et castris et oppidis fortissimis [illegible] [illegible] [illegible] provincia [illegible] Germanie ab oriente [illegible] [illegible] [illegible]. Ab occidente britaniam non maiorem seu angliam ab aquilone est [illegible] predicta [illegible] superior que gallie magis [illegible] est propinqua. Alia de terra inferior [illegible] que flandrie et [illegible] finibus [illegible] [illegible] propinquior est et [illegible] germania est agnomina nuncupata. [illegible] gens est elegantis stature [illegible] ac [illegible] audacis animi [illegible] et [illegible] [illegible] nigri [illegible] [illegible] ydiomatis magis grossi [illegible] gallie nationum

De Ramatha regione

Ramatha que est regio iuxta [illegible] sita a Ramatha civitate est appellata in qua natus est Samuel propheta et alio nomine Arimathia vocata de qua fuit Joseph vir iustus qui in [illegible] corpus domini [illegible] ac honorifice sepelivit ut dicit glosa super Lucam [illegible]. Est autem ista urbs [illegible] in Judea sita et in altissimis montibus collocata propter quod et Ramatha [illegible] excelsa est vocata. Nam rama excelsum sonat ut dicit Ysidorus. Est autem terra quasi montuosa fertilis in frugibus et in [illegible] et in vinis et in olivis fontibus irrigua puritate aeris salubris [illegible] situs altitudine valde [illegible] ut dicit Jeronimus, et ad [illegible] speculandum multum apta

De Retia provincia

Retia [illegible] est [illegible] regio [illegible] qua

[illegible] [illegible] [illegible] est [illegible] et [illegible] est terra [illegible] [illegible] valde [illegible] [illegible] in multis locis [illegible] et [illegible] et in [illegible] [illegible] [illegible] [illegible]

De Ruthia provincia

R[illegible] est provincia [illegible] [illegible] [illegible] sub [illegible] [illegible] pars [illegible] est [illegible] dicta [illegible] [illegible] et in locis [illegible] [illegible] est [illegible] aquis et stagnis irrigua [illegible] [illegible] et [illegible] est [illegible] [illegible] [illegible] et [illegible] [illegible] est [illegible] solo flumine [illegible] [illegible] [illegible] et [illegible] est [illegible] ut dicit [illegible]

De Rethonia regione

R[illegible] quidem est terra [illegible] [illegible] [illegible] super [illegible] [illegible] montes [illegible] usque ad [illegible] [illegible] [illegible] [illegible] est [illegible] est terra [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] et [illegible] [illegible] ac producit [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible]

non [illegible] bius et idem agellius pa[illegible] [illegible] [illegible] nunc roma [illegible] [illegible] dicit [illegible] ferunt produci [illegible] rubidi et iocundi corpore [illegible] [illegible] alia [illegible] morbida [illegible] mortalia sunt nec [illegible] [illegible] singula minus esset.

De provincia romanorum

Romanorum provincia ut dicit varro est [illegible] totius orbis gloriosa ubi se habi[illegible] [illegible] possidet regionis [illegible] singulas partes or[bis] romanorum potentia edomuit et non [illegible] [illegible] orbis angulus qui romani [illegible] gladium non persensit ut dicit id[em]. [illegible] fit eadem pars italie tamen [illegible] antiquitus vocata a nomine romuli sic dicta qui urbem roma edidit civitatem que et populo nomen dedit ut dicit ysydorus libro 9. ubi sedit. hec primo saturnia a saturno [illegible] sic dicta qui [illegible] [illegible] [illegible] primitus informavit et ipsis [illegible] [illegible] [illegible] [illegible] saturnia [illegible] [illegible] et tandem [illegible] [illegible] [illegible] [illegible] [illegible]. A latino autem rege [illegible] latini sunt vocati qui post [illegible] romani a romulo urbis [illegible] et [illegible] [illegible] romani dicti sunt eo quod [illegible] romulus est vocatus quia super hasta [illegible] que sabinorum lingua [illegible] dicitur ut dicit ysidorus libro 9. [illegible] [illegible] gentium vocatione.

Istius autem regni et regionis laudes ad plenum describere calamus non sufficit nec [illegible] aliquis magnifica eorum opera [illegible] [illegible] [illegible] legitur in primo libro machabeorum capitulo [illegible] ubi [illegible] [illegible] [illegible]

De romania regione

Romania dicitur romanorum [illegible] [illegible] [illegible] eius greci nomen vel nova de latinis ab eo quod tempore quo constantinus romanum imperium et constantinopolis [illegible] urbem [illegible] roma i. nova roma transtulit omnia grecorum regio romania i. nova roma

vocata fuit ut dicit urbanus et [illegible] [illegible] hodie [illegible] [illegible] [illegible] greci vulgari[ter] [illegible] potius romanos [illegible] [illegible] [illegible] [illegible] [illegible] de grecis multa supra.

De rodo insula

Roddus insula est cicladum insularum [illegible] ab oriente ubi [illegible] [illegible] plus capitolium dicitur esse et fuit [illegible] duplicatum ubi civitas primitus [illegible] [illegible] urbe solis fuit colossus [illegible] [illegible] [illegible] altitudinis [illegible] [illegible] [illegible] colossi in insula [illegible] ut dicit ysydorus libro 15 capitulo [illegible] de vocabulis civitatum.

De ruthenia provincia

Ruthenia [illegible] [illegible] que et russia dicitur est provincia in minoris asye con[illegible] [illegible] romanorum finitima est. [illegible] ab oriente grethiam a septentrione panoniam ab occidente getica [illegible] a me[ri]die [illegible] [illegible] quidem maxima [illegible] [illegible] [illegible] [illegible] et [illegible] in [illegible] [illegible] [illegible] [illegible]. hec a quadam parte sua galathia [illegible] vocata est cuius insule incole galathe vocabantur quibus dicitur paulus apostolus [illegible] direxisse [illegible] supra [illegible] galacia.

De Saba regione

Regio sabe est in italia arabia a [illegible] [illegible] qui sabadeus est cognominata. hec augusto [illegible] tractu ad orientem [illegible] [illegible] [illegible] [illegible] [illegible] a septentrione [illegible] appinquans ab occasu [illegible] ara[bico] terminatur a meridie [illegible] [illegible] [illegible] autem regio thurifera [illegible] odores generans, nam in eius [illegible] [illegible] [illegible] cynamomum thus et cetera aro[mata] [illegible] ut dicit ysydorus libro 15. Regio [illegible] est locuplex in [illegible] aro[ma]ticis in lapidibus preciosis et metallis [illegible] [illegible] auri et alia mirabilia que in regione arabie ab auctoribus [illegible] de quibus supra [illegible] arabia. [illegible] provincie [illegible] et regina [illegible] regina sabba que [illegible] [illegible] [illegible] [illegible] [illegible]

precipue ut dicit erodotus / Nam regina
fuit Ethiopie ut dicit glo. super luc.
[illegible] et in quas credit ipsa filia [illegible]
obtinuit regnum [illegible]

De samaria regione

Samaria ut dicit ysidorus li. xv. regio
est palestine a nomine oppidi civitatis
vel oppido antiquitus sic vocata. Nam samaria
quondam fuit civitas in ysrael
que nunc ab augusti nomine sebastia vocatur.
Hec regio media iacet inter iudeam et galileam
[illegible] ... qui nomine et etiam
situs [illegible] est iudea ab ea non
differens in virtute ut dicit ysidorus li. xv.
a quodam tamen monte [illegible] samer pri
mitus nomen suscepit ut patet [illegible] xv.
ista enim terra samaritano [illegible]
est exorta que transmigrata [illegible] assiriis ha
bitavit in samaria / que deinceps dicta
est samaria .i. custodia / eo quod captivi
tate populo ysrael ipsi pro custodia positi fuer
unt in sacris terra pro custodia ab assirio
rum regibus derelicti ut dicit ysidorus li. [illegible]
in ea de notabilibus regionis [illegible]
et vide de samaria [illegible] li.

De sambia provincia

Sambia inferior est provincia in europa
inferiori sithia que media inter pru
tenos / estones / osilianes / lituanos et [illegible]
[illegible] / qui omnes antiquitus gothorum [illegible]
[illegible] potentia ut narrat varro / similiter
et erodotus / et inhabitat littora oceani
[illegible] quedam promontoria / et sinus [illegible]
[illegible] ut dicit [illegible] / Est autem
Sambia gleba sterilis et frigida [illegible] pa
lustris et nemorosa / multis fluviis et
lacubus [illegible] / gens autem extra bar
baras nationes [illegible] [illegible]
audax [illegible] et [illegible] alias
nationes in [illegible] precellens

De sabaudia

Sabaudia de [illegible] [illegible] et iulia
et [illegible] in qua [illegible] [illegible]
[illegible] bonitate [illegible] [illegible]
ad ytalia [illegible] [illegible] [illegible]
fuit [illegible] / Nam [illegible] [illegible]
iustitia / prout clamat [illegible] [illegible]
[illegible] transeuntes in [illegible] [illegible]
omni spolio et rapina [illegible] [illegible]
[illegible] montibus [illegible] [illegible]
[illegible] et montibus pyreneis [illegible]
[illegible] provincia [illegible]

De sardinia insula

Sardinia insula est [illegible]
[illegible] [illegible] a [illegible] sardo
[illegible] vocata qui [illegible] magna
multitudine [illegible] sardiniam
occupavit et ex suo vocabulo nomen in
sule dedit. [illegible] in affrico mari ad [illegible]
[illegible] in oriente [illegible]
[illegible] latior [illegible] [illegible]
[illegible] in [illegible] et in [illegible]
[illegible] [illegible] / [illegible]
[illegible] . [illegible] terra illa in longitu
dine [illegible] pl. in latitudine [illegible] pl. [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] herba que
[illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] dicto [illegible]
[illegible] aque ille [illegible] ut dicit ysidorus
li. xv.

De terra sarmata

Sarmata barbarorum est terra, a ser
matis sunt dicti [illegible] [illegible]
[illegible] [illegible] [illegible]
et multas provincias spoliabant [illegible]
que nos [illegible] [illegible]
dicit ysidorus li. xv. [illegible] et gothis sunt [illegible]
[illegible] [illegible] [illegible]
[illegible] sunt [illegible] ideo sic sunt dicti
ut dicit ysidorus [illegible]

De Samo insula

S[amos] insula est in regno maris ubi [illegible] [ci]vitas de qua fuit sibilla
[illegible] [illegible] [illegible] a quo phy[lo]so[phus] [illegible] [illegible] ut dicit ysy. li. xv.
In hac insula tradit[ur] vetus [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] samia
[illegible] [illegible] [illegible] q. gleba ille
[illegible] [illegible] [illegible] glutinosa [illegible] ad
[illegible] [illegible] [illegible] apta ut dicit ysydorus

De saxonia provincia

S[a]xonia pro[vinci]a est in germania cui[us] [illegible] [illegible] ex gentis [illegible]
[illegible] [illegible] [illegible] ubi nunc [illegible] navigio
[illegible] et expulsis [illegible] usque
ad litus occeani [illegible] [illegible] [illegible]
[illegible] obtinuisse et in eadem provincia usque
hodie [illegible] Gens enim [illegible] fuit bel-
licosissima [illegible] forme [illegible] stature
[illegible] corporis et audax [illegible] Est autem
[illegible] terra quo ad glebam fertilissima
frugum [illegible] [illegible] [illegible]
[illegible] nemorosa [illegible] campestribus [illegible]
[illegible] et pascuosa [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] argento [illegible]
aliis [illegible] ac metallis [illegible] [illegible]
[illegible] [illegible] et quibus effodiunt lapides
qui [illegible] fortissimi [illegible] in [illegible]
[illegible] [illegible] et nobilis et famosa
[illegible] [illegible] alba [illegible] [illegible]
et multa alia que [illegible] [illegible] [illegible]
alba [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] albissimum et [illegible]
[illegible] [illegible] civitates [illegible]
atque fortissimas et [illegible] opida for-
tia et castra [illegible] tam in campestribus
quam montanis. Iuxta montem autem [illegible]
[illegible] [illegible] [illegible] magnus [illegible]
[illegible] [illegible] [illegible] [illegible] in aliquibus ma-
[illegible] [illegible] marmor [illegible]
et [illegible] [illegible] [illegible] lapis [illegible]
[illegible] [illegible] in illis montanis
[illegible] est [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] et [illegible] [illegible]
illis montibus nemorosis [illegible] [illegible]
quam [illegible] hec et multa alia laudabilia
in saxonum regionibus inveniuntur quam
[illegible] [illegible] germania [illegible] [illegible] de
alamania. Habet autem [illegible] [illegible] et
poloniam. Albam [illegible] [illegible] ab or-
iente saxonia ad occeanum ad septentrio-
nem [illegible] [illegible] et [illegible] a meri-
die cuius gens fortis et [illegible] [illegible] usque
hodie [illegible] ut dicit Erodotus.

De Sclavonia

Sclavonia provincia est [illegible] [illegible]
[illegible] scilicet sclavi scilicet boemi polo-
niam [illegible] [illegible] dalmatie et kari-
[illegible] qui omnes [illegible] intelliguntur terra
bona et fertilis in annona et in pascuis
et in pratis. Sed est gens barbara et solita
aspera et sevicia.

De Senonensi provincia

Senonensis galia est provincia francorum
habens ab oriente [illegible] [illegible]
a meridie burgundiam superiorem et pireneos
montes ab occidente galiam lugdunensem
a septentrione galiam belgicam, terra frugum
[illegible] arborum fructuum diversorum fontium
et riverum fluminum. Galli autem senones quondam
[illegible] [illegible] [illegible] libro hospitio re-
cepissent [illegible] et in [illegible] est illa regio
nuncupata ut dicit ysydor. li. 9. a senonensi
civitate que civitas est regio capitalis. Est
autem terra copiosa habens civitates multas
et opida multa et fortia et [illegible] que
perfluit amnis qui sequana appellatur.

De Syria regione

Syria a syro quodam nepote ut dicitur
abrahe ex zacharia [illegible] a suo
vocabulo [illegible] ut dicit ysy. li. 9.
et 16. Habet ab oriente fluvio eufrate
ab occasu vero mari magno in septentrione
terminatur [illegible] a septentrione armenia
et capadocia a meridie vero sinu arabico
ut dicit idem. [illegible] autem eius [illegible]
est [illegible] longitudine, in lato autem angustior.

de [illegible] insula

de saxonia pro[vinci]a

de sclavonia

de pro[vinci]a senonensi

de syria regione

est. Habet autem intra se multas provincias scilicet Comagenam, Feniciam et Palestinam cuius pars Iudea, absque Sarracenis et Nabatheis. Est autem regio populosissima fertilissima in frumento et in frugibus, arboribus et pecudibus, equis, asinis et camellis, ditissima in auro, in speciebus, aromatibus et metallis munitissima, in civitatibus et in castris, ferquam nobilissimis fluminibus, lacubus atque stagnis, fundi nobilis portus maris. Et habet precipue palestinis maritimis, feliciter gentes feria belligera et in multis partibus divisas in circuitu, et occupat multas habet gentes sic fuit [illegible] sic lingua diversitas et moribus differentes. Quarum quedam habitant in desertis ut Nabathei et Sarraceni, quedam in montanis et quedam in nemoribus et in silvis, quibus habundant illarum nationum regiones, ut narrat Erodotus.

De terra Sychima

Sychima est modica terra in Samaria iuxta Iudeam inter Iudeam et Galileam, a Sichem filio Emor qui eam edificavit, sic vocata, nam Sichem dicta est urbs, que autem Neapolis nuncupatur. Cuius confinium in circuitu Sichima appellatur ut dicit Ysidorus libro xv. ut ait Ieronimus super xlviii. Genesis. Fuit portio terre quam dedit Iacob filio suo scilicet Ioseph, et eius mausoleum ibi conditum usque hodie ut dicit Ieronimus. Quam terram pecunia et gravi labore acquisita Iacob comparavit et emit cum centum agnis possessionem, ut patet Genesis 34º. Et pro illo labore dicit Ieronimus Iacob deprehendit eam in arcu et gladio, et Amorrei manibus abstulisse. Ibi erat prope terebintus sub quo Iacob abscondit idola filiorum suorum et tunc de Sichima ascendit in Luzam, que nunc vocatur Bethel, ut dicitur Genesis 35º.

In hoc loco primus [illegible] [illegible] requisiti a Ioseph [illegible] [illegible] Tharam sunt [illegible] [illegible] egyptis vendiderunt. Sichima [illegible] [illegible] destruxit filius Gedeonis [illegible] habitatoribus sal in eius confusionem [illegible] ut dicitur Iudicum 9º. In hac terra fuit fons Iacob iuxta quem deus [illegible] [illegible] requievit. Et ut aliud [illegible] et alius puthei aqua [illegible] postulavit ut dicitur Io. 4º. [illegible] et in multis sunt [illegible] quo ad linguam et quo ad mores dispares [illegible] sunt quo ad ritum. Nam quidam [illegible] ritum Grecorum, quidam autem Latinorum. Omnes autem iste regiones sunt plebe optima, agrosfertiles et [illegible] in multis locis [illegible] etiam iste pro maiori parte in Roma [illegible] [illegible] [illegible] et illis qui [illegible] [illegible] et Latinis. [illegible] est Sclavia duplex maior et Sclavonia de qua Dalmatia, [illegible] et Carinthiam continentur cum multis aliis regionibus. Iste [illegible] quidam maritima occupant, quidam in terra [illegible] in montium [illegible] [illegible] [illegible] et exarat gentes feras et aspera et multa circa diversa [illegible] montes [illegible] ducens [illegible] [illegible] [illegible] per terram et maritime [illegible] habitant iuxta mare. Alia est Sclavia minor que a finibus Saxonie protenditur ad Sarmatas et Vandalos usque [illegible] [illegible] et Boemos. Et hec Sclavia [illegible] dicitur qui a [illegible] diversis [illegible] [illegible] et a Gothis atque Danis [illegible] maris [illegible] provincie [illegible] mare [illegible] dicitur et dividitur [illegible] [illegible] terminatur minor Sclavonia [illegible]

Terra autem valde frugifera et fertilis, terra fluminibus et stagnis irrigua, nemorosa

Et pascuosa multe habundans et lacte
[...] tempore agriculture dedita et
piscationi magis quam ad deum et pascua
[...] propriis [...] habitant in
[...] slavonia et propter hoc [...]
et [...] qua tertio die [...] in ger-
mania et dicit Erodotus

De Spatiata insula

*de spatiata insula*

Spartiata est [...] que alio nomine
Lacedemonia nuncupatur a lacedemo-
ne filio Semelle sic dicta [...] lace-
demonia in libro l. [...] dicit [...]
[...] lacedemonios et spartanos ut dicit
ysidorus li° [...]

De Sere provincia

*de sere provincia*

Seres est provincia in oriente et nomi-
nata a quodam oppido quod Seres
et vocatur. Ibi de arboribus lana colligitur
et inde sericum preparatur [...]
dicit quidam poeta: Ignoti facie sed noti
vellere Seres

De Sellandia insula

*de sellandia insula*

Selandia terra est maritima [...]
maritima ad modum insule fluviis
et maris brachiis circumdata. Habet autem
olandiam ab oriente flandriam ad meridi-
em [...] ad occidentem britanniam ad septentri-
onem [...] sunt alie ibi plures insule et mag-
nis brachiis maris separate ab invicem et [...]
[...] Sunt ille insule fortissimis ag-
geribus cincte et in circuitu contra maris
impetum et [...] quarum gleba est valde
fertilis quo ad segetes sed quo ad arbores est
quasi nuda. Non enim ibi possunt arbores propter
maris salsuginem profundare radices suas
et [...] plantatione [...] et [...].
Est autem Selandia valde populosa divitiis
variis opulenta, gens magne stature
fortis et audax [...] circa cultum dei devota
[...] in se pacifica et quieta multis [...]
[...] nullis molesta nisi [...] hostium [...]

lancie resistit est vasta.

De Semigalia provincia

*de semigalia*

Semigallia est provincia modica ultra
mare [...] constituta [...]
[...] et [...] In Scithia inferiora
sic vocata quasi a galathis [...] occu-
pantibus [...] terre [...] est in-
habitata [...] Semigalli sunt quasi galli
sive galathis et in illis [...] pre [...]
magne fidelitatis [...] amenitatis
et maxime firmitatis

De Scithia regione

*de scithia re[...]*

Scithia regio est maxima cuius pars
superior est in asya, inferior vero
pars est in Europa. Et hec inferiora [...]
[...] paludibus incipit inter danubium
et oceanum septentrionalem usque ad ger-
maniam protenditur ut dicit ysidorus. Huius
prima pars est Alania, deinde [...]
[...] deinde gothia, dacia, [...]
deinde germania ubi plurima pars sue-
[...] ut dicit [...] Habet
itaque Scithia plures regiones quarum
quedam sunt locupletes et quedam inha-
bitabiles, nam in pluribus locis auro
et gemmis affluit, sed [...] imma-
[...] aditus est [...] smarag-
dus autem lapis optimus est et cristallus
purissimus Scithie ut dicit [...]
monstruosos in multis locis gignit ho-
mines et feras immanes ut lynces
tygrides, ursos, ferocissimos et leones
[...] maxime in [...] et regionibus yrcanorum
Quere sub de hyrcanis

De Sicionia provincia

*de sicionia p[...]*

Sicionia a Sicione rege antiquitus
vocata est, a quo et regnum
Sicionorum dictum est quod regnum
Archas Jovis et Calisto filius [...]
additione [...] ex suo nomine Archadiam
nuncupavit. Est autem Archadia [...] sic
nominata [...] Achaye ut [...] solum

sit Ionium et egeum mare exposita hec fluvium
magnum s. eruamatum gignit abeston la
pidem qui semel accensus nunquam extinguitur
in candidissime muribus generatur
ut dicit ysydorus li° xv°.

De Sicilia

Sicilia a sichano rege p° sichania
fuit nominata deinde a siculo ytale
rege fuit sicilia est dicta que antiquitus
trinacria dicebatur propter tria acra id est pro
muntoria s. pellorum pachinum et lilibeum
trinacria enim nomine grecum est quod latine
triquadra dicitur quia in tres quadras
divisa. hec ab ytalia freto modico est
discreta, asperum mare prosperitas fabis
frugifera, auro habundans cavernis et
fistulis penetrabilis ventis et sulphure
plena ubi et ibi . ethne montis incen
dia, In eius freto scilla est et
caribdis, quibus aut navigia absorbentur
aut colliduntur ¶ Fuit autem quondam patria
ciclopum et postea nutrix tyrannorum
frugum fertilis p° herbis terris primum
tradidit frumentis aratro est pressa ¶ Pri
cipales urbes hic Siracusa et fontem are
thusam et albeum fluvium generatorem equorum
in eo p° est inventa insula cum ea
Agathes lapis in ex achate flumine sicilia
p° dicitur provenit et mare siculum et coralium
album gignit, et sales agrigentino in
igne sunt solubiles in aquas autem
crepitantes omnis eius ambitus clauditur
spatio tria milium stadiorum . Dicit autem
Salustius italiam coniunctam fuisse siciliam
sed medium spatium divisum fuisse per maris
impetum atque scissum. huiusque ysidorus
li° xv. in ca° de insulis ubi certante
omnia supradicta, et eadem narrat plinius.

De Sirtis loca arenosa

Sirtes dicit ysydorus li° xiiij° sunt
arenosa in mari loca a tractu sic
dicta ut dicit Salustius eo quod omnia ad se

trahant . sirtes enim greci tra[illegible]
et talis attractio facit mari[illegible]
uno loco sit profundum in alio [illegible]
dosum. et ideo periculosum est [illegible]
dicit hec sirtes sunt [illegible]
piculum inducentes [illegible]
et ei in locis pluribus adiunctas [illegible]

De Scotia regione

Scotia a scotorum gentibus [illegible]
appellata et est promuntorium in insu
la britannia duo fluminibus et maris brachiis
ab anglia aquilonari separatur in eo oppo
sita undique separatur maris oceani [illegible]
ybernia scotia est divisa ¶ [illegible]
ab scotis qui olim in ybernia et per omnia
filis in lingua in moribus et in natura
Nam gens est levis animo ferox siluens
in moribus tamen sive mortis diligi [illegible]
[illegible] in lecto mori reputans ignaviam
in campo aut contra hostem interfici, sic
[illegible] gloriam arbitrans [illegible]
[illegible] diutius subsistunt et [illegible]
[illegible] super alia se [illegible]
[illegible] lactionis piscibus et fructibus magis
[illegible] parvis usus [illegible] habens
et quod sit populus [illegible] elegans figura
et facie pulchra generaliter autem [illegible]
tamen tamen eos deformat proprius habitus
sive scotica vestitura ¶ Scoti autem sunt
propria lingua a picto corpore quasi scissi
eo quod aculeis ferreis cum atramento figu
rarum stigmati antiquitus denotabantur ut
dicit ysydorus li° x° in ca° de vocabulis
gentium scoti autem multis ex causis
ex adventu tamen anglicorum in maxima
parte [illegible] in melius mutaverunt
[illegible] sicut et ybernienses
in habitu in lingua in victu et in aliis
moribus perversa [illegible] arbitrantur
ymo aliorum consuetudines [illegible] suarum
quodam modo aspernantur [illegible] ergo
ad humani sociabilitatem [illegible]

[illegible] irrigatur [illegible] et
[illegible] multiplicatur, villis [illegible] gaudet
[illegible] [illegible] quatuor [illegible] brevia
[illegible] [illegible] est ut dicit Herodotus
[illegible] [illegible] saxis [illegible] explorare
[illegible] plura que supra de Ybernia
[illegible] [illegible] in Scotia dicit Ysidorus
[illegible] [illegible] [illegible] restringitur.

de Suevia regione

## De Suevia regione

Suevia regio est in finibus Scythie in
Europa que tota Gotia quam etiam Danorum
[illegible] aquilonarium regionum maxima est
[illegible] [illegible] [illegible] mare Balticum
ab oriente ... Britanniam ab occidente
... montibus precincta et paludibus a septen-
trione a meridie vero Dacorum confinio ter-
minatur. Est autem Suecia que et Gotia
dicta [illegible] sola ... undique
in ... in pascuis ... alios
desertis ... [illegible] ... divi-
tias quas ... illa regio ... infinitis
... et ... sodini
et aliis ... [illegible] ... regionibus
multas ... Dalela et ...
... militum ... totius fere ...
in Europa ... [illegible] ...
romanum quos ... tempore Alexandri
magni ... ... ... illi
... ... sub ... Francos
Alamannos, Britannos, ... Dacos et
Gothos ... aquilonaribus populis
alios ... ... ... secundum quod tradit
scriptura historie ... Roma
quorum ... et debet ... fides
... ... religionis
fidei ... potuit in aliqua civi-
tate ut ... dicit illorum ... portas
et ... et ... fidelium ...
... quorum ... fidei et
moribus ... ... ...
... prosapia Amazones
processerunt ut dicit Orosius et Ysidorus libro xv.

de Suevia provincia

## De Suevia provincia

Suevia Germanie ... est provincia
in Europa cuius ... Marcum
... in Germania ... ut dicit
Ysidorus libro xv. ... ... de no-
... Thessalia pa-
tria Achillis et ... Lapitharum
et ... ... prius ...
... et ... ... ...
... ... ... ... mi-
lites Thessalorum Centauri ficti sunt, ut
dicit Ysidorus libro xi capitulo de portentis. In
Thessalia autem primo solidi auro inventi
sunt ... et equorum ... pri-
mitus est ..., ut dicit Ysidorus libro xv.
Ad hoc dicit idem libro xv quod ... Thes-
salie in ... in Thessalia accidit quod-
dam diluvium in quo aquarum illu-
vione maior pars ... Thessalie
... paucis per refugia montium ...
in monte ... in ... ...
... qui ... ratibus
ad se confugientes suscepit, et sic ...
fuga ... atque ... propter quod
dicitur ... fabula ... homi-
num ... lapidibus reparasse, ut dicit
idem ibidem.

de Tenedos insula

## De Thenedos insula

Tenedos est insula Grecie una de
Cicladibus sita ad septentrionem,
in qua civitas ... olim condita est
a qua insula illa est vocata. Fuit autem
Tenes quidam iuvenis infamatus ...
novercam cognovisset et fugiens insulam
... obtinuit, qui ... ...
suo civitati ... ibi condidit et in-
sule ... nomen.

de insula Tille

## De insula Tille ultima

Tille ultima est insula oceani in
plaga septentrionali australi ...
ultra Britanniam sita ... ...

a sole nomen accepit, quoniam in ea sol
estiuum solstitium facit et nullus ultra re-
uertitur et ideo ... tardum est et
[illegible] ut dicit ysidorus libro 14°. ... plinius
... in locis ... quamquam ista
... hic [illegible] ... 
greta ... etiam ... pro
frigiditate ... Ita ab equi-
noctio vernali quo sol est in ariete usque ad
equinoctium autumpnale quod est in libra
sol illi insule nunquam occidit et ab illo
tempore usque ad equinoctium vernale iterum ad
insulanis non occidit unde per dimidium
annum habent diem et per dimidium annum
habent noctem ut dicit idem in eodem de insulis
libro 14°. de solstitiis ... similiter
dicit beda in libro de natura rerum
similiter et solinus.

De tripolitana regione

Tripolitana regio est duplex. una
est in fenicia dicta a tripoli ciuitate
famosissima, que totius prouincie ...
tu propter nimiam sui fortitudinem est de-
fensio et munimen. Alia uero est in-
tripolitana in affrica inter penthapolim
et bisantium sita et tribus magnis urbibus
sic dicta, scilicet occa, sabrata et leptis
magna. hec habet ab oriente sirtes ma-
iores trogodatas, a septentrione mare
adriaticum, ab occasu bizacium, a meri-
die getulas et garamantes usque ad oc-
ceanum et ethiopicum protendentes, ut dicit
ysidorus libro 14°.

De trogodita regione

Trogodita est regio in ethiopia cuius
incole dicuntur trogodite sic uocati
quoniam tanta celeritate pollent ut feras
pedum cursu assequantur. habet autem hec re-
gio quandam insulam in ... crescit op-
tima mirra ... et purissima cuius gut-
ta ibi inuenitur. Et dicitur mirra trogodi-
tica ab insula in qua crescit ut dicit libro 17°

... in hac prouincia ... in ...
... alii dicunt ...
libro 14°. alii in europa ut patet

De prouincia troyana

Troyana prouincia in europa ...
dardania a dardano ...
Dardanus de grecia profectus ...
... primus regnauit ...
filius eius ericthonius ...
a quo ciuitas troia ...
... germanorum ... septentrionis
... quibus dicit ...
... ab ...
... de quibus ...
... multi ...
... a ... oritur ... qui ab
ortu ... et illi ...
... et ... 
idem ... ab ortu habet ...
nubium ... bauaria, ab occasu habet ...
... alsatia, a meridie iuga alpium ...
... a septentrione franconiam ...
... et est duplex ...
inferior ... superior
... alpes et danubium utraque est terra
optima ... fertilis ...
... ciuitates munitissimas, oppida et
castella ... montana, cam-
pos et flumina multa, nemora ...
na et pascua ...
circa montana ... et ...
... metalla ... populosissima
... fortis, audax et bellicosa ...
... flaua ...
et decora

De thanathos insula

Thanathos insula est occeani ...
modica ... a britannia
separata ...
... dicta est autem thanathos a morte
serpentum quos cum ipsa non habeat asportata
inde terra ... serpentes
... ut dicit ysidorus libro 14°.

De trapobane insula

[illegible] est insula indie sita [illegible] in longitudine [illegible] passuum in latitudine [illegible] multa stadiorum [illegible] flumina [illegible] ex altera parte [illegible] elephantis est repleta [illegible] bis in anno duas estates duas hyemes et bis floribus [illegible] insula indie [illegible] ut dicit ysydorus libro xv°

Tracia provincia grecie

De tracia provincia grecie

Tracia est provincia in asia grecie ad quam veniens tiras filius iaphet a suo nomine ut dicit ipsam traciam nominavit ut dicit ysydorus libro xv°. Alii a [illegible] terra appellatam dixerunt. Hec ab oriente [illegible] urbis constantinopolis opposita est [illegible] ab occasu [illegible] macedonia [illegible] Cuius regionis [illegible] et alie plurime nationes [illegible] et in multas nationes [illegible] flumen [illegible] et gentes barbaras [illegible] ut dicit ysydorus libro xv°

traconida regione

De traconida regione

Traconitida regio est in iudea cui prefuit philippus frater herodis. Nam totum regnum iudeorum fuit divisum in 4or tetrarchias quarum prima fuit galilea cuius tetrarcha fuit herodes. 2a fuit ytturea et traconitida regio cui prefuit philippus utriusque regionis [illegible] tetrarcha. [illegible] fuit abilina regio cui prefuit lysanias [illegible] herodis et philippi [illegible] principatus [illegible] fuit iudea [illegible]

romanis ad [illegible] super [illegible] tetrarcha autem [illegible] herodes philippo [illegible] tetrarche regionis etc.

Thesalia

De thesalia provincia

Thesalia provincia ut dicit ysy. libro xv° grecie est provincia a thessalo rege cognominata que ad meridianam plagam macedonie coniuncta est. Multa in thesalia sunt flumina et oppida quorum caput thessalonica est vocata. Ibi est mons parnasus apollini consecratus et patria [illegible] est vocata ut dicit ysy. libro 9°. Mirmidones [illegible] post troye excidium facta classe per diversas modo partes sibi sedes quesierunt et multas nationes expellentes pro eis habitaverunt et ex ipsorum progenie producitur in posterum potentissima [illegible] nationibus sicut diversarum regionum [illegible] historie attestantur.

Tuscia

De thuscana provincia

Thuscia ytalie est provincia inter liguros et romanos territorium collocata que vallibus [illegible] iugis et [illegible] locorum valde altis et aliis fortissime munita. Thuscia autem dicit ysy. libro xv° a sacrorum et thuris frequentia est vocata. Nam in illis partibus in mortuorum exequiis antiqui thura et [illegible] religionis et devotionis gratia maxime [illegible] suos mortuos affectu lachrymabili et plangebant thura in aris deorum potissime [illegible]. Quare ut dicit in tuscia ars aruspicina inventa est ut dicit ysydorus. Item hec [illegible] fuit antiquitus plures habens [illegible] et nobilibus civitatibus ab oriente contra liguriam [illegible] contra septentrionem [illegible] contra occidentem [illegible] contra meridiem [illegible]

[illegible] ad [illegible]. Ab oriente huius mare ad latus et marchia et anchona a meridie tuscia et romania ab occidente mediolanenses a septentrione romandiolam et provinciam patriarcham. Est et hec regio multi ... in longum ... ab ortu ... venetus hinc [illegible] ab aquilone et ... ad austrum. Est autem terra montuosa et fertilissima quo ad situm ... quo ad celum saluberrima quo ad ... quia mare a duabus partibus eius latera alluit, aqua et fontium et lacuum multitudo irrigat et fecundat, amnis fluvius eam perfluit et ... cuiusque aromata ubi crescunt habundantia ... nobilitat atque ditat, fontium et calidorum in ea scaturientium ... gratificat et sublimat.

## De thuringia

Thuringia germanie est provincia media inter terram saxonum francorum et westphalorum. Huius enim boemos et ... ab oriente franconos et bavaros a meridie [illegible] et alsatos, ab occidente vero westfalos ab aquilone. Gentes ... patrie thuringia id est dura contra hostes nature et severa. Est enim populus numerosus elegantis stature fortis corpore durus et constans animo. Huius terra montibus fere circumdata et munita, intra vero plana valde fertilissima et fructifera, a deviis non exceptum oppida multa castra fortia non solum in montibus verum et in planis amnibus stagnis et lacubus irrigua, aere saluberrima pabuli ubertate gratissima armentis et gregibus valde plena. In eius montibus diversa inveniuntur mineralia et metalla ut dicit herodotus, quod nullatenus permisit terra germanie confinia et fructata.

## De turonia

Turonia gallie superioris est provincia ... aquitanie antiquus ... a turonum civitate sic dicta ... sacerdotum martinus ... Est autem sita ... [illegible]

[illegible] et multiplex ... fertilis ... salubri ... [illegible]

## De basconia

Vasconia est provincia ... hispania ... sic dicta ... ut dicit ysidorus ... montes pireneos ... occeanum mare ... aliquando ... [illegible] ... silvestris et in ... [illegible] ... multis ... [illegible] ... et mare [illegible] ... copia administrat ... hanc regionem garonna fluvius a tolosa separat qui ... fluens ... burdegalensi metropoli ... occeanum mare intrat et ... ut dicit ysidorus libro ... in ... [illegible] ... [illegible] ... solitudinis inhabitant ... basconos quasi ... ab ... pompeius ... hispania et ... [illegible] ... et ... [illegible] ... gentes basconum fere ... et agiles ... ad bella ... [illegible].

## De veretia

Venetia ... provincia a littore maris ... [illegible] ... ad padum fluvium quod dividit inter ... civitates et ... [illegible] ... ut ... [illegible] ... [illegible] ... obtinuit

[illegible]

De westphalia provincia

W[illegible] germanie [illegible] provincia [illegible] ad orientem [illegible] et [illegible] ad meridiem [illegible] et polonia [illegible] [illegible]

[illegible]

[illegible] populus [illegible] est [illegible] et [illegible] fortes et [illegible] audax [illegible] ad arma [illegible] pacem [illegible] castra fortissima et oppida [illegible] montibus [illegible]

De vironia provincia

Vironia provincia est parvula ultra daciam versus orientem et a vironibus dicta [illegible] et nemorosa multis aquis [illegible] perfusa cuius gleba est [illegible] gens quondam barbara [illegible] et inculta nunc vero danorum regibus paret et legibus est subiecta [illegible] R. [illegible] terra a [illegible] et [illegible] per fluvium [illegible] est separata.

De vandalia

Vandalia est patria iuxta [illegible] norwegie versus orientem sita sub [illegible] [illegible] non multum fertilis [illegible] in graminibus et in silvis [illegible] gens est barbara agrestis et [illegible] magicis artibus occupata. Unde et navigantibus per eorum littora vel apud eos propter ventum defectum mora trahentibus ventum venalem offerunt atque vendunt. Globum namque de filo faciunt et diversos nodos in eo connectantes usque ad tres nodos vel plures filum de globo extrahi [illegible] et [illegible] quod voluerint ventum [illegible] fortiorem quibus propter eorum incredulitatem [illegible] [illegible] et [illegible] maiorem vel minorem excitant. Secundum quod plures nodos de filo [illegible] vel pauciores de[illegible]

De vecta insula

Vecta est insula modica in mari britannico sita distans a britannia maiori parvo freto [illegible] separata [illegible] ad frumenta est optima [illegible] silvas et nemora [illegible]

pecora et iumenta fontes et campos fru-
ctuum vengantes quo ad aeris tempe-
ries saluberrima et insectuosa(?) libertissima
esse dicitur. Hec ab anglicis hodie ...

De yslandia regione

Yslandia regio est ultima in Euro-
pa ad septentrionem ultra Norwegiam
sita perpetua glacie in remotioribus
finibus ad minimum protenditur super littus
occeani maris versus septentrionem ubi mare
pre nimio frigore gelatur. Ab oriente habet
Scithiam superiorem, ab austro Norwegiam, ab
occidente occeanum Ybernicum, ab aquilone
mare congelatum. Et est dicta yslandia
quasi terra glaciei eo quod ibi dicuntur montes ni-
vium in glaciem durissimam congelati, unde
ibi cristalli inveniuntur. In illa regione
autem sunt ursi albi maximi et fortes
qui unguibus glaciem rumpunt et foramina
multa faciunt per que in mare se immer-
gunt et sub glacie pisces capiunt et
eos extrahunt per foramina predicta et ad littora
deferentes inde vivunt. Terra est sterilis
quo ad fruges exceptis locis in quorum
vallibus crescit herba avena gramina
tantummodo et arbores in locis ubi habitant
producit et parturit et in illis partibus feras
gignit et nutrit. Unde de piscibus et
venationibus et carnibus pro maiori parte populus
illius terre vivit. Oves pre frigore ibidem vi-
vere non possunt et ideo pellibus terre et ferarum
et ursorum pellibus quorumdam venatu capiunt se a
frigore se muniunt et corpora sua tegunt.
Alia vestimenta habere non possunt nisi aliunde
afferantur. Gens est corpulenta robusta
et valde alba piscationi dedita et venationi.

Zeugia sive Zeugis est provincia
ubi maior est ... Kartago
in Affrica inter Bizantium et Numi-
diam sita ut dicit Ysidorus libro xv.
Hec a septentrione mari Siculo ...
ut dicit idem et a meridie regioni
Getullorum ... Cuius provincia

sunt fertilissima. Ultima vero ...
pecoribus plena ...
stes ibi mira et monstra ...
nunt ut dicit idem.

Explicit liber decimusquintus. Incipit li-
ber decimussextus de hiis que ornant
terram. Capitulum primum.

Expedito de proprie-
tatibus terre
et partibus eius in generali
restat adiuvan-
te deo hic aliqua
inserere de eius
ornatu in speciali. Ornatuum autem terre
quedam sunt simplicia vegetata et
insensibilia ut omnia metalla que in
venis terre generantur qualia sunt lapides
colores et metalla. Et de illis primo per or-
dinem est agendum. Quedam vero sunt
vegetabilia ut radices herbe et arbusta.
Quedam vero sensibilia ut homines et iu-
menta de quibus ultimo est tractandum. Primo
vero ab hiis que generantur in terre ve-
nis vires per ordinem alphabeti hic dicen-
dum est.

De arena

Arena ab ariditate est dicta que
si manu pressa fuerit ... et diver-
sa stridorem facit que si in veste candida
aspersa fuerit nichil sordis post se relinquit
ut dicit Ysidorus libro xvi capitulo ii. Arena
si quidem aquis marinis ab omni limo
secata et luctu viscositate abluitur ut
dicit Aristoteles in libro de proprietatibus elementorum
et ideo propter humoris in ea siccitatem congelari
in lapidem perfecte non permittitur. Terra
enim pura ut dicit idem libro methaurorum
primo lapis non fit quia continuationem non facit
sed comminuitur. Et ideo siccitas vincens hu-

[illegible] [illegible] in [illegible] cum totaliter
[illegible] [illegible] sicut et per arenam terra sibi
[illegible] [illegible] a lapide molitur et in partes
[illegible] divisibiles. Unde arena fugit
[illegible] [illegible] minuta et ista granulosa in
[illegible] [illegible] sit minuta similis in
[illegible] [illegible] et [illegible] defectu et [illegible]
[illegible] [illegible] [illegible] super [illegible]
[illegible] [illegible] [illegible] dilluta [illegible]
[illegible] in [illegible] magis [illegible] [illegible]
[illegible] fortius ad [illegible] amplius [illegible]
[illegible] et [illegible] [illegible]
[illegible]. Et ad eius tumulos [illegible]
ut ultra sibi assignatos adeo fines
[illegible] [illegible] ut dicit [illegible] super
Jeremiam capitulo v. posui arenam terminum
mari preceptum [illegible]. ¶ Et dicit ibi natura
[illegible] unde aqua per arenas collata
dulcior et purior fuerit ut dicit Con-
stantinus. [illegible] est [illegible]
purgativa et sua [illegible]
[illegible] [illegible] [illegible] et [illegible]
arene [illegible] clarificat. Item [illegible]
[illegible] [illegible] et [illegible] [illegible]
oppilativa [illegible] sedativa ut patet
in [illegible] [illegible] ex lapide vel
[illegible] [illegible] [illegible] ad omnia sup-
dicta ut plane dicit Const. Item [illegible]
[illegible] [illegible] vel [illegible] et [illegible]
[illegible] unde [illegible] arenulas fluviales
et marinas arenule [illegible] [illegible]
inveniuntur. Lapides etiam [illegible] et [illegible]
[illegible] in marino litore [illegible] [illegible]
arenulas [illegible]. Item arene tam flu-
viales quam marine ex [illegible] [illegible] [illegible]
arenulas [illegible] [illegible] [illegible]
in maris [illegible] et litoribus [illegible]
[illegible] et ex arenis sic [illegible]
aque fluviales ne mare [illegible] [illegible]

aliquotiens retardant ut dicit [illegible] super
[illegible] [illegible] [illegible] defluunt sicut [illegible]
Egypti [illegible] dicit [illegible] [illegible] quod aqua Nili
propter obstantes arenarum tumulos contra
fluvius [illegible] [illegible] aggregatos aqua
Nili in mare [illegible] [illegible] sed
potius refluere per plana Egypti manife-
stissime [illegible]. Et [illegible] tumulos
arenosos aqua [illegible] compellitur [illegible]
[illegible] tanto [illegible] [illegible] [illegible] maiori
[illegible] mare [illegible] profundius [illegible]
[illegible] ut dicit [illegible] ibidem. Item arenarum
[illegible] in mari sub aque superficie
occultatio [illegible] vel [illegible] maximum
est [illegible] et periculosum ut patet [illegible]
maris periculis [illegible].

## De argilla

Argilla est terra tenax glutinosa
et viscosa ad varia opera figulorum
disposita atque apta. Est autem secundum Ysidorum
libro xvi capitulo 3 ab aquis sic vocata apud
quos primo ex tali materia vasa fictilia sunt
effecta et ut ibidem dicitur talis terra per
actionem caloris liquidiores partes consumuntur
et terrestriores consolidantur in lateres com-
mutantur. Experimento enim contingit quod talis terra
lutosa et viscosa fuerit aqua coagulatur
in lapidem commutatur. Experimento etiam accidit
quod talis terra transmutatio scilicet luti viscosi
in lapidem ex calore congelantis sicut enim
dicitur libro [illegible] [illegible] [illegible] Lutum viscos-
sum aptum est huic transmutationi scilicet in
lapidem per calidi coagulationem quia
quod viscosum est medium inter dissolutum
et vaporativum [illegible] utrinque medium hu-
midum in se [illegible] [illegible] vaporativum
[illegible] [illegible] coagulatur [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] ampli-
[illegible] et consolidari et sic in lapidem
[illegible] et transmutari ut dicit ibidem

de argilla

conservator. Argilla etiam secundum eum (?) sua est sanguinis restrictiva ut dicit Const. Argilla siccum forti aceto simul distemperata apposita fronti et temporibus prohibet sanguinem de naribus profluere.

## De allabastro

Alabastrum ut dicit ysydorus libro xvj° capitulo v° est lapis candidus intinctus varijs coloribus, ex quo unguentarij illius unguentum vasculum factum fuit. Ex hoc etiam cavant vasa unguentaria que unguenta custodit optime incorrupta. Nascitur autem circa Thebas et damascum in egipto, sed candidior probatissimus de Indiea transportatur. Hic lapis a dyascorides stomax dicitur. Et dicitur valere hunc lapidem ad victoriam obtinendam et est qui generat et conservat amicitiam.

## De auro

Aurum ab aura est dictum ut dicit ysy. libro xvj°. Eo quod repercusso aere plus refulgeat. Natura enim est ut metallorum splendor plus fulgeat luce alia repercussa. Unde et aurata sunt dicta quorum fulgor splendidos reddit. Aurum dicitur magis radians et fulgens dicitur obrizum eo quod splendore obradiat ac fulgore. Est enim coloris optimi. Quod ebrei ophir vocant. Quod vero reducitur lamina vero aurea tenuissima et expansa inducitur filla aurea. Bractea nuncupatur. Hucusque ysydorus in capitulo de metallis. Secundum autem in libro de methauris parum ante finem dicitur quod aurum sicut et cetera materia procreatur ex sulphure subtili et rubro et de vivo argento subtili et albo plus autem gravescit in eius compositione de soliditate sulphurea quam de vivo argento. Et ideo aurum solidius est et ponderosius quam argentum in cuius compositione plus est de argento vivo quam de sulphure albo [illegible] sicut [illegible] dicitur.

[illegible] [illegible]. Aurum igitur [illegible] metalla que ad sensum nihil solidius [illegible] compactum et ideo magne portionis in parvo est [illegible] etiam in pondere [illegible] [illegible] igne non consumitur sed solum [illegible] [illegible] [illegible] sit si aliquid habet [illegible] [illegible] [illegible] [illegible] propter quod [illegible] [illegible] [illegible] purior et fulgidius [illegible] [illegible] inter metalla ductibilius [illegible] [illegible] ductibilitas [illegible] inter [illegible] et malleum [illegible] sine disgregatione partium [illegible] bratheas et tenuissimas laminas dilatatur. Nihil etiam inter metalla quo ad formam [illegible] et pulchrius. Et ideo inter omnes [illegible] formas [illegible] [illegible] [illegible] et [illegible] [illegible] locum obtinet pulchritudo [illegible] [illegible] [illegible] color [illegible] metallorum. Item nihil inter metalla quo ad virtutem [illegible] efficatius. Cuius virtutem [illegible] [illegible] dicens aurum inter temperatius est omni metallo et [illegible]. Et ideo virtutem habet confortativam et superfluitatum consumptivam in corpore retentiva et ideo valet contra leprosam et elephantie passiones. Et hec [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fuit [illegible] ad [illegible] a lepra [illegible] [illegible] ad [illegible] [illegible] [illegible] [illegible] [illegible] conservat vel [illegible] aut [illegible] [illegible] [illegible] [illegible] et [illegible] ut dicitur [illegible] [illegible] limatura [illegible] [illegible] [illegible] et [illegible] [illegible] valet contra [illegible] et cardiacam passionem. Item lamine auree [illegible] in vino extincte vinum faciunt utile contra vitia splenis et alias [illegible] passiones. Item [illegible] facta cum [illegible] auree [illegible] est quam cum alia metallo [illegible] [illegible] custodit a [illegible] [illegible]. Item pulvis [illegible] auree oculis impositus maculas oculorum custodit. Confertur autem aurum [illegible] [illegible] non [illegible] ut [illegible] [illegible] [illegible] et a [illegible] [illegible] superfluitate

quo [illegible] extrahendo scin-
dunt [illegible] Item aurum [illegible]
[illegible] a mercurio quo [illegible]
[illegible] non [illegible]
[illegible] Item aurum [illegible] non
[illegible] sicut [illegible] vel argentum nec separ-
atur [illegible] sed potius extenditur et [illegible]
dilatatur [illegible] aliud metallum ad
adulterium [illegible] incorporatum. Nam
[illegible] aurichalcum est auri [illegible]
permixtum [illegible] malleo scinditur et [illegible]
ad [illegible] sub malleo [illegible]
[illegible] et ideo [illegible]
[illegible] superfluum ab eo per [illegible] auferatur
ut [illegible] distilletur aliquod
vas cum optata forma [illegible]
ut dicit [illegible]. [illegible] lamina sive bractea
aurea cum argento subducta [illegible]
[illegible] incorporata. [illegible]
[illegible]
[illegible] aliquod [illegible] ¶ Item [illegible] aurum et ar-
gentum [illegible] nequaquam [illegible]
cum altero [illegible] et ideo [illegible]
[illegible] intellectui
[illegible]
[illegible] inseparabilis [illegible]
[illegible] possit ulterius separari.

d. aurichalco

## De aurichalco

Aurichalcum ut dicit Ysidorus est dictum
eo quod [illegible] splen-
dorem [illegible] aureum. [illegible]
[illegible] Aurichalcum
[illegible] aurum et [illegible]
[illegible] ex mixtione cum [illegible] stagno [illegible]
pigmentis et quibusdam aliis [illegible]
ad colorem auri ut dicit Ysidorus. ¶ [illegible]
[illegible] aurum in similitudinem [illegible]
[illegible] vasa diversa [illegible]
et pulchra in sui novitate auri splendorem
[illegible] aurichalco [illegible]

et paulatim a fulgore suo [illegible] et que
rubiginant et sic tamen [illegible] quod odore
[illegible] malum [illegible]
sed in hiis vasis cibaria et vina diutius
conservata saporem [illegible]
vitio ac odore. ¶ Limatura eius in confectione oculorum est
medicamina in quibus utiles reservantur et ex
eius fortitudine [illegible] ut dicit Plat-
earius.

d. auripigmento

## De auripigmento

Auripigmentum est vena terre, sive
genus lapidis fissibilis infrangibilis
auri splendorem [illegible] in colore, et vocatur
alio nomine lapis arsenicus, et est duplex
scilicet rubeus et citrinus, et habet secundum dyascoridem
naturam sulphureis calefaciendi et desiccandi
[illegible] si apponatur [illegible] ipsum in album trans-
mutat [illegible] et omnia corpora metallica preter
aurum [illegible] et [illegible] ut dicit. [illegible] in
Platone vero. Auripigmentum est siccum in
3o gradu et est vena terre, et est duplex
species scilicet rubeum et citrinum. Citrinum autem
competit medicine habet autem virtutem dissol-
vendi attrahendi et mundificandi [illegible]
asinatas et malum anhelitum [illegible] ex hoc
si inclinato capite fumus eius recipiatur.
De auripigmento fit psilotrum id est unguentum
depilatorium, ut pilos facilius amoveant
quod decoquitur cum calce viva, valet contra
[illegible] [illegible], si locus
cum sapone et auripigmento [illegible] in-
ungatur, et statim locus [illegible] abluatur
quia si unguentum tale diu ibi maneret
ita bonam carnem sicut malam corroderet
et [illegible], nam calx habet [illegible]
et corrosivam [illegible] et [illegible]
[illegible] ut [illegible]
[illegible] ut dicit Platearius.

d. argento

## De argento.

Argentum ut dicit ysidorus a greco ap-
pellatum est dictum. Nam argyros
argentum vocant. Cuius nitori in modum
accidit quod cum sit candidum nitidius corpora
lineas nigras reddit ut dicit ysidorus.
In cuius compositione duo conveniunt scilicet
argentum vivum et sulphur non album purum. Aut est
ubi cum aere et aqua argentum vivum quod sul-
phureis, et ideo non est tanti ponderis sicut
aurum ut dicit ricardus. Est autem argen-
tum duplex scilicet simplex et compositum. Simplex
est liquidum et vocatur argentum vivum.
Compositum autem argentum est solidum ex ar-
gento vivo puro et sulphure albo coc-
tum ut dicit [illegible]. Argentum autem vi-
vum est substantia aquea mixta cum subtili terre-
no forti mixtione et indissolubili sicut
est ex magna siccitate terrea quod non liquescit
in superficie plana et ideo non adheret
tangentibus sicut id quod est aquosum. Est
autem eius color albus ex claritate aque sub-
tilis et ex albedine terre subtilis bene dige-
ste. Habet etiam albedinem ex commixtione
aeris cum partibus. Habet etiam argentum vivum
hoc sibi nature proprium quod non coagulatur
per se sed in sulphure et in plumbo et ideo
appellatur. Et ideo dicit avicenna quod argentum
vivum et sulphur sunt elementa omnia
et prima omnium liquabilium scilicet metallorum. Hec
omnia dicit in libro methaurorum [illegible] et etiam
ab [illegible] sic exponitur. Argentum itaque [illegible]
[illegible] omnium metallorum dicitur [illegible] et ideo
[illegible] est simplex elementum de sua vir-
tute et non diversa [illegible] posuerunt. Quod
autem de hoc sentiat medicorum pater pot-
est per hec verba. Argentum inquit plato vivum
calidum dicitur esse et humidum in quarto gradu
quamvis a quibusdam frigidum et siccum [illegible].
Cum quod sit calidum [illegible]
quod dissolvit penetrat et [illegible]
[illegible] multum [illegible]
iudicatur. Quod autem aliqui dicunt argentum
vivum ex quadam [illegible] terre per [illegible]
[illegible] esse patet [illegible]

facillime in fumum [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
autem argentum vivum [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] cum absinthio et ysopo [illegible]
[illegible] autem argentum vivum [illegible]
in quibus [illegible] ut dicit ysidorus libro [illegible].
Ubi et hic subiungit [illegible] est liquidum
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et sic argentum vivum [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] ysidorus libro [illegible]
[illegible] metallis. Argentum igitur est album
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] atq [illegible] gestum atq male [illegible] in [illegible] dolore et uno [illegible] [illegible] Est etiam medicina [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] colore [illegible] [illegible]

De adamante

Adamans est lapis Indicus paruus et indecorus ferrugineum colorem habens et splendorem cristalli. Numquam tamen ultra magnitudinem nucleos auellane repertus. Hic nulli cedit materie, nec ferro quidem nec igni et numquam incalescit. Unde a grecis vel indomita appellatur. Sed cum sit ferro igniq[ue] non tempior, tamen rumpitur sanguine calido veri et recentiori. Cuius fragmenta sculptores in signandis gemmis et perforandis utuntur. Hic dissidet in hoc a magnete quod posito adamante iuxta ferrum non patitur illud abstrahi a magnete. Immo etiam abstrahit per quandam violentiam ferrum a magnete lapide sic attractum. Dicitur hic lapis maleficiis et terroribus vanis resistere et timores vanos repellere et maleficis artibus obuiare. Hic usque Ysidorus libro 16 in capitulo de metallis, cristallis. Hic lapis secundum dyascoridem gemma reconciliationis dicitur et amoris qua si mulier a viro suo fuerit desiderata per virtutem adamantis in dilectione eius reuocatur. Ad hoc dicit etiam quod si vel adamas capiti dormientis mulieris suppo[na]tur scire poterit maritus eius an sit casta. Nam si fuerit casta dormiens amplecti cupit virum lapidis maritum suum. Si vero fuerit infidelis ab eo subito resiliet et virtute lapidis patrati facinoris impatiens subito de lecto cadet. Virtus vero lapidis est ut dicit dyascorides

per in [illegible] sinistro [illegible] [illegible] contra hostes contra insaniam rixas et furores contra incubos et fantasmata contra vana sompnia et venena.

De ametisto

Ametistus lapis est Indicus qui inter gemmas purpureas obtinet principatum ut dicit Ysidorus. Est enim ametistus coloris purpurei et violacio permixtus quasi rosa nitens et leniter quasdam fundens flammulas et emittens ysydorus. Alterum eius genus descendit ad iacinthos non ex toto ignitum sed vini colore habens. Est siquidem species eius quinque secundum Ysidorum. Sed ut dicit dyascorides purpureus nobilior est et aliis utilior, nam virtus eius est contra ebrietatem facit vigiles et mala cogitationes repellit cogitationum et bonum confert intellectum et facilis est moliciei ad sculpendum.

De Agathe gemma

Agathes est gemma nigra habens albas venas. Et dicitur agathes a fluminis vicini nomine existens in Sicilia, iuxta quem primitus hec gemma est inventa, ut dicit Ysidorus. Quodo autem in pluribus regionibus invenitur. Est enim genus ceterum ut dicit dyascorides eius [illegible] [illegible]. Aliud genus est Indicum varium cum guttis sanguineis, p[ri]m[um] genus ut dicit Ysidorus credit valere magicis artibus, nam cum ipsa tempestates avertuntur sistuntur flumina sicut dicitur. Idem etiam genus valere est secundum dyascoridem ad regum formas et simulacra monstranda sompniorum. Ceterum autem genus dicitur pericula facit gratum et placentem et persuasorium et facundum et vires confert. Tertium genus scilicet Indicum visum fouet et contra sitim prodest contra venenum valet et accensio eius est odorifera ut dicit dyascorides.

De Abeston

Abeston archadie est lapis ferrei coloris ab igne sortitus est, eo quod semel accensus numquam extinguitur de quo fabricatum est illud mirandum quo gentiles capti

sacrario mirabantur [illegible] quodam omnis templo divinis erat factum candelabrum in quo erat lucerna sic ardens ut nulla tempestate nulloque imbre extingui potest ut dicit ysydorus libro 16 capitulo de gemmis.

De absisto gemma

Absistos est gemma nigra ponderosa distinctis venis rubentibus hic calefacta igne septem diebus calorem tenet ut dicit ysydorus in capitulo de gemmis nigris

De Alabandina

Alabandina est gemma dicta a landa regione asye cuius color similis est calcedonijs sed rarior ut ait ysydorus in capitulo de cristalis.

Secundum dyascoridem autem alabandina est gemma clara et subrufa ut sardius cuius virtus est sanguinem provocare et augmentare.

De argirite

Argirites est gemma argento similis quasi stigmata aurea cui similis in colore est andromada est enim lapis cuius color est argenteus ut dicit ysydorus in capitulo de gemmis aureis cui est forma quadrangula mentis impetus et iracundias refrenat.

De astrione gemma

Astrion est gemma indica cristallo propinqua cuius in centro lucet stella fulgore lune plene. Sic autem dicitur ab astris quod eis opposita fulgorem capit ysydorus hoc ait in capitulo de cristalis

De allectorio

Alectoria sive allectorius est lapis qui invenitur in ventriculis galinarum cristallo obscuro similis cuius ultima magnitudo est ad fabe quantitatem hic in certaminibus magos reddit homines reddit insuperabiles et invictos ut dicit in lapidario. Et hanc gemma dicit dyascorides alectorius lapis excitat venerem gratum facit et constantem ac dextere discretum et oratorum animos reformat

Reponitur in ore sitim [illegible]

De Astrite gemma

Astrites est gemma [illegible] intus [illegible] tamquam lux sicut stella [illegible] redditque solis radios candidantes.

De amianthone

Amianthos est lapis vel gemma [illegible] vestis huius contexta contra ignem [illegible] [illegible] et si igni imponatur [illegible] [illegible] ardore consumpto nitidior apparet [illegible] [illegible] [illegible] possibilis omnibus [illegible] [illegible] [illegible] ut dicit [illegible]

De bitumine

Bitumen est terre glutinum [illegible] in locis paludibus generata. Est autem ut dicit ysydorus libro 16 capitulo 2 quedam terra glutinosa que iuxta locum aspalti in iudea reperitur cuius natura est ardens et igni [illegible] et est tamen tenacitatis quod nec aqua nec ferro rumpitur [illegible] sanguine menstruali. Est autem bitumen [illegible] ad naves compaginandas [illegible] hoc bitumen dicitur in platearia aspaltum [illegible] bitumen iudaicum [illegible] est et [illegible] in 2 gradu et est terra nigra [illegible] et ponderosa et fetida est [illegible] terra ut [illegible] [illegible] de spuma maris [illegible] [illegible] terre iudaicam. [illegible] autem virtutem attrahendi consolidandi et confirmandi et multum [illegible] ad [illegible] et [illegible] [illegible] [illegible] [illegible] et loco [illegible] supponatur et [illegible] multum longum [illegible] ad passiones [illegible] [illegible] [illegible] si ponatur super carbones [illegible] [illegible] [illegible] [illegible] per os et nares attrahatur. Valet [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] capitis multum purgat ut dicit in platearia

De berillo

Berillus est lapis indicus viriditate similis smaraldo sed cum palore pollet ab indis in sex angulas formas [illegible] [illegible] [illegible] repercussio angulorum [illegible] [illegible] aut politus non [illegible] fulgore. Unde autem [illegible] [illegible] ut dicit ysydorus in capitulo de gemmis viridis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] et india [illegible] nobis [illegible]
[illegible] duobus [illegible]
[illegible] melior est [illegible]
[illegible] et post [illegible] reddit et
[illegible] adheret. [illegible]
a [illegible] et [illegible] oculos [illegible]
[illegible] si solis [illegible]
[illegible] magnificat et amorem
[illegible]

De calculo

Calculus est lapillus terre admodum rotundus atque durissimus purus et ex omni parte levissimus atque planus. Dictus est autem calculus eo quod sine violentia sua brevitate et planitie a pedibus conculcatur. Unde contrarius est scrupulus lapis scilicet asperrimus et minimus, qui si intra pedum et calceorum mediat valet nocet. Unde et saxa dicuntur scropea id est aspera atque dura, ut dicit ysydorus libro 16° capitulo 2°. Corpore autem lapillus in corpore animalis ex calculis et humoribus generatur in vesica, unde in renibus generatur ut dicit Constantinus et hoc quere supra libro 7° de passionibus [illegible] capitulo de calculo.

De calce

Calx est lapis ad combustionem [illegible] [illegible] cum arena et aqua fit cementum. Est autem calx dicta viva ut dicit ysydorus quia cum sit extra frigida intus in occulto fervorem continet igneum. Unde et perfusa aqua statim igneus erumpit latens calor. Cui natura aliquid mirum [illegible] [illegible] cum accendit aqua [illegible] quibus extingui solet ignis. Oleo vero extinguitur quo solet ignis accendi. Usus eius est fabricis necessarius, nam lapis lapidi non potest [illegible] nisi calce sit coniunctus. ¶ Calx autem que fit ex lapide albo et duro melior est structuris, ex molli vero utilior est in tectis. Hec ysydorus libro xvi° capitulo 3°. ¶ Calx autem secundum platearium calida est et sicca in 4° gradu, cum [illegible] et oleo pustulas et ulcera putrida sanat, vulnera et incisiones bene consolidat, carnem superfluam corrodit, et in multis [illegible] [illegible]

¶ Calx viva cum auripigmento et aqua admixta pulvis [illegible] pillos radere facit quia suo acumine poros aperit ut dicit Constantinus et platearius.

De cotti lapide

Cotis est lapis sic dictus eo quod ferrum ad incidendum acuit. Cotis enim grece [illegible] dicitur ut dicit ysydorus. Et ex hiis alie aquarie sunt, alie indigent oleo acuendo. Sed oleum [illegible] aque ferro aciem acerrimam reddit ut dicit ysy. libro 16° capitulo 3°. Hec autem cotis habet proprium quod acuendo [illegible] [illegible] paulatim se consumit. Ut dicit ysydorus pulvis vero eius ab ipsa [illegible] [illegible] [illegible] virtutem habet desiccativam [illegible] et sanguinis restrictivam ut dicit Constantinus.

De cemento

Cementum est calcis et arene cum aqua temperata coniunctio et mixtura que ad lapides coniungendos et parietes liniendos ac dealbandos sumpta est necessaria. Superficies etiam et coloribus parietum subiectum fundamentum et primum est cementum [illegible] adheret parieti humectato [illegible] et magis si fuerit de palastro seu gipso. Nam ut dicit ysydorus gipsum calcis est cognatum optimum autem omnium lapidum est de lapide speculari factum cementum qui lapis transluceret sicut vitrum et est multum [illegible] [illegible] [illegible] ut dicit ysydorus [illegible] [illegible] plast [illegible] quod in greco dicitur gipsum sed in [illegible] [illegible] nuncupatur.

De carbunculo

Carbunculus lapis est preciosissimus sic dictus quia sicut carbo est igniens cuius fulgor nec nocte vincitur. Lucet enim in tenebris adeo ut flammas ad oculos vibret. Genera eius sunt xii. Sed prestantiores sunt qui emittunt radios sicut ignis, ut dicit ysydorus libro 16° capitulo 3°. [illegible] etiam [illegible] carbunculus grece dicitur et gignitur in libia apud trogoditas. Sunt hec xii species [illegible] [illegible]

de calculo
de calce
de cotti lapide
de cemento
de carbunculo

qui ignei coloris est sed candida bona principalis
cuius est proprium quod proiectus in ignem vi-
tur nec mortuos carbones extinguit sicut
[illegible]. Alia est species carbunculi nomine stan-
dapheus a loco Indie ubi invenitur sic dictus.
In cuius superficie velut nec lucidos igneos appa-
rent quam ... que bibunt aurum. Et hec
gemma est [illegible] ... Alia est species
que [illegible] vocatur a [illegible] ... antea
sic dicta et hanc gemmam consilium carbunculi
dicunt. Et est duplex gemma quod ut ... radi-
at. Alia velut rotunda colore ... ex
hec a sole vel attritu digitorum ... paleas
et ... folia ad se rapit. Dicitur scultpture
resistit. Si vero aliqua sculptura fuerit in signa
[illegible] quorum ... partem
terre formam tollit. Ut dicit ysidorus libro ...
Ad speciem carbunculi reductus balagius qui ru-
beus est et [illegible] ut dicit dyascorides ... et dicitur
quod hec species carbunculi in vena saphiri invenitur
et ideo ex vicinitate saphiri quedam ...
commodum saphiri faville contra a ... bala-
gius contrahit que contra vires speciei se defendit
et hoc patet sensibiliter si diligenter ...

De crisopasso

Crisopassus est lapis ethiopicus qui luc-
tellat et patet obscuritatis de nocte ...
est igneus de die vero aureus ut dicit ysydorus
libro ... In die ... qui ... et fulgo-
rem ... qui aureum ... Est ...
alia species crisopassi que India mittit. Hic
crisopassus ... est prasion color sive
porro et ... quibusdam guttis aureis
ut dicitur in lapidario

De calcedonio

Calcedonius est lapis pallidus hiberi
[illegible] coloris quod medium inter berillum
et jacinthum ut dicitur in lapidario. Na-
scitur autem apud nasamonas et ...
[illegible] ... invenitur ...
Ut invenitur in lapidario ... gemma
sculpture resistit et ... paleas
attrahit ut dicit ysidorus. Hic lapis ...

et [illegible] ... contra ... de
[illegible] de nocte et ...
ut dicit dyascorides.

De crisolito

Crisolitus est lapis ethyopicus ... au-
reus et ut ignis ... mari ...
colore ... ad ... in ...
[illegible] et sinistro ... contra ...
timores et fugare. Juvat etiam contra
timores nocturnos et ... ...
... aut ... et ...
ut dicit dyascorides. Crisolitus ...
[illegible] cuius color de die aureus de
nocte vero igneus videtur. Est et alia species
[illegible] ... coloris aureus
cuius aspectus ... pulcher ...
... et est igneus ...
qui si ... ignem ... inflamatur
ut dicit ysidorus libro ... de gemmis aureis

De celidonio

Celidonius lapis ... ... pro-
... duo sunt species ... et rufus
de ventre ... pullum ...
et ... ... in ... mensibus
... ... ... ... ...
... rufus contra lunaticos passio-
nes ... et antiquum languorem ...
... et placatum ... ...
contra ... et malos humores ...
et ... et lotus in aqua ... oculos ...
... dicit in lapidario

De cristallo

Cristallus lapis est ... et clarus
et colore aquosus ... aut ...
... vel glacies per multorum annorum ...
induratam ... et ... et ...
[illegible] ... et ... maxime
in septentrionalibus partibus ... ...
... ... ... ipsa
... et ... ... species
que cristallus vocatur hic oppositus solis ra-
diis adeo capit flamam ut ... fungos
vel [illegible] ... ... ... et ad ...

[illegible] nubibus aliud quam frigidum per potentiam [illegible] libro [illegible] de cristallo dicit [illegible] cristallus non in frigoris [illegible] mansit perficitur in lapidibus [illegible] color autem illius glaciei est similis [illegible] virtus est contra sitim et ardorem [illegible] carnis [illegible] et potenter lacte replet ubera [illegible] contra [illegible] lac [illegible] [illegible] in potu valet contra coliram et [illegible] passiones si non assit constipatio [illegible] [illegible] urinas et alia que in ea [illegible] manifestat. Que autem ex aqua [illegible] fiat cristallus dicit [illegible] super [illegible] in [illegible] [illegible] frigoris vehementia [illegible] in firmitatem [illegible] [illegible] flauit aquilo et congelauit cristallus [illegible] Et huius assignat [illegible] in libro [illegible] [illegible] dicit lapides et substantias mineralibus [illegible] sunt aqua ut dicit [illegible] lapides minerales sunt et aqua [illegible] quia [illegible] [illegible] [illegible] non congelantur solo frigore aqueosi [illegible] [illegible] puritas aqueositatis in [illegible] aqua [illegible] et [illegible] frigidius [illegible] [illegible] quo [illegible] et [illegible] aqua [illegible] cristallus [illegible].

De ceramno

Ceramnus est lapis cristallo similis colore [illegible] et est lapis germanicus [illegible] est [illegible] rutillans ut flamma [illegible] [illegible] et loci [illegible] dicit [illegible] [illegible] ut dicit ysidorus libro [illegible] dicit in lapidario [illegible] Cum tonat horrendum [illegible] fulminat [illegible] ethere. Nubibus illisis [illegible] celo cadit iste lapillus. Cui castrum [illegible] a fulmine non [illegible]. Nec domus aut ville quibus assunt lapis ille. Virtus utriusque est ad [illegible] et ad causas [illegible] et valet [illegible] ad dulces sompnos.

De corallo

Corallus nascitur in mari rubro [illegible] [illegible] ligneus est [illegible] [illegible] et [illegible] aere in lapidem induratur

Dicit autem [illegible] si aqua [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit [illegible] [illegible] [illegible] apud nos [illegible] est [illegible] margarita [illegible] [illegible] [illegible] huic magi dicunt [illegible] [illegible] et ysidorus [illegible] dicit in lapidario [illegible] est ut [illegible] [illegible] [illegible] fulmina [illegible] tempestates [illegible] vel [illegible] vel quocumque [illegible]. Est autem duplex albus et rufus. Rufus maxime valet contra omnem fluxum sanguinis contra epilensiam et contra diabolica [illegible] [illegible] multiplicat fructus et [illegible] [illegible] negotiis.

De corneolo

Corneolus lapis est rufus et obscurus [illegible] tamen est et [illegible] qui in collo suspensus vel in digito portatus in disceptando [illegible] mitigat iras. Sanguinem ex [illegible] sistit quocumque fluxu [illegible] [illegible] si femina fluxum [illegible] ut dicit in lapidario.

De dyonisia

Dionisia lapis est niger vel fuscus [illegible] [illegible] [illegible] autem in aqua mixtus [illegible] vinum fragrat et [illegible] in illo vinum est [illegible] resistit ut dicit ysidorus libro [illegible].

De dyadoco

Diadocos lapis est palidus [illegible] [illegible] et est aptus ad [illegible] a demonibus obtinendis [illegible] demones et fantasmata [illegible] [illegible] quis forsitan applicet illum protinus [illegible] [illegible] [illegible]. Nam sacre hic lapis est et qui mortis [illegible] abhorret sic dicit in lapidario.

De ere

Ab a splendore aeris est vocatum ut dicit ysidorus [illegible] antiquos tamen [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et bella [illegible] [illegible] parabant [illegible] aurum et argentum

de ceramno
de corallo
de corneolo
de dyonisia
de dyadoco
de ere

dicebant. Aes vero auctoritate in fornace durior est. Sic verecunda remutat per ipsa colorem ubi sunt. Isidorus li. 16. Cyprium est aes et ... de utriusque eodem lapis per decoctionem ignis resolvitur. Lapis enim calore solutus in aes vertitur. ibidem. Componitur autem aes sicut cetera alia metalla ex sulphure et argento vivo. Sed hoc accidit quia est aliud et sulphure et argento vivo et sulphur est terreum non purum rubeum habens colorem adurendi. Argentum vero vivum mediocriter non mundum grossum neque nimis subtile. ex tali quaestione eis genus sicut dicit Alex. ... Sic autem dicit Isidorus in eo. li. xvi. Sed si fuerit admixtum cum aliquibus metallis colorem mutat pariter ... ut patet in auricalco et ... quod cum diversis metallis est ... quoddam est album adustum ... alius fusum speciem auri ... in quo est temperies. Est et aliud genus aeris quod dicitur coronarium. ... ex ductile aeris laminas attenuatur et felle tauri tingitur quod speciem auri praetendit in coronis ... rium est vocatum. Est autem quod ductile est et malleo producitur ... Quod fusile quod tantum funditur est sub malleo fragile est. Quod autem aes bene purgatur et ab omnibus ... ductile efficitur et regulare. Omne autem aes in fervore magno melius funditur et aes ... rubiginem ... nisi oleo pingatur. Inter omnia metalla aes nobilissimum ... maximum potestatem. Unde Isidorus li. 16. Maximum convenit ... tubarum et ... propter suam sonoritatem et durabilitatem. Lapis vero ex quo aes ... est ... ... et compositionis ... facile non frangitur nisi prius in ... fortissimo ... Aes autem vel ... combinatur ... lapis et purgatur ... superflua ... asstruerunt ... in loco ... purgatorio ... et ... consumitur. Olla autem ... abhominabilia nisi cum stagno sit ... Aes etiam si sine stagno fuerit ... et ... ut dicit Isidorus ... Aes non ... et ... in plateario ... mundi extenuandi et humores ... expurgandi ... calorem purgat superfluas ... et eos ... non ... ut dicit platearius et etiam dyascorides

## De electro

Electrum est vocatum eo quod ad solis radium auro clarius lucrat ac argento. Nam est electron graeco sermone dicitur ... est hoc metallum omnibus metallis ... tria genera sunt quod ex pino arbore fluit quod sucinum dicitur primo cum fluit de arbore est liquidum gummi sed post induratur calore vel frigore in duritiam lapidis ... ut crystallus ... Alterum genus metalli dicitur quod invenitur et in ... quod fit de tribus partibus auri et una argenti. Electrum vero quod ... est natura quod in convivio ad lumina clarius ... metallis fulgorat et venenum prodit. Nam si infundas ... ut in ... modis ... mutat subito ... Isidorus li. 16. ... metalli ultimo de electro dicitur ... argento ... ad claritatem ... argenti ... electrum ...

Etiam vocatur a quibusdam arpago dicitur
eo quod [illegible] rapta calefactione folia
[illegible] et [illegible] fimbrias ra-
pit et attrahit sicut magnes ferrum
ut dicit Ysidorus li. xvi c. de [illegible] gemmis [illegible].
De facili etiam [illegible] dolorem [illegible]
[illegible] coloris et [illegible] dicit quod [illegible]
[illegible] et facile [illegible] ut
[illegible].

De echite

de echite

Echites est lapis indicus et persicus in
litoribus occeani sive maris [illegible]
[illegible] inventus. Est autem lapis co-
loris punicei sicut dicitur in lapidario et
est duplex ut dicit ysydorus scilicet masculus
et femina inventus binus semper in nidis aquila-
rum sine quibus ut fertur [illegible] parere non possunt aquile.
Et ideo aquila istos lapides ponit in nido
suo. Horum masculus durus est similis galle
et rutillans femina vero mollis est
et pusillus. Hic lapillus alligatus pregnan-
tibus facit partus celeres et etiam feminas
alias abortivas si nimis [illegible] [illegible].
Aliquando reperitur [illegible] [illegible] a per-
[illegible] ut dicit Ysy. li. [illegible]
[illegible] est etiam lapis iste pregnans alium
lapidem [illegible] sicut clausum ut dicit
Ysy. et dyascorides in lapidario dicitur. Con-
tinet hic alium pregnans in se lapillum.
Cuius virtus est conservare sobrietatem, augere
divitias et amorem et facit victorem et facit
amabiles et caducorum prohibet casum. Et
de veneno fraude aliquis tibi suspectus
fuerit si reus fuerit hic lapis sub cibo eius
positus cibum deglutire non poterit. Et si
lapis subtractus fuerit cibum deglutire non
tardabit.

De emathite

de emathite

Emathites lapis est ferrugineus ab
Ethiopis et Indis et Arabicis sic dictus

eo quod calore resolutus in colorem sanguineum
mox rumpit ut dicit Ysy. Valet ad vesice
fluxum et oculorum dolores contra vomitum
[illegible] morsus et ventris fluxum quia
sanguinem stringit et matrices mulierum
et quamquam ut dicit dyascorides. In pla-
teario dicitur quod frigide et sicce complexionis et habet
virtutem constringendi fluxum sanguinis. Distinguitur
ab emathite quod est sanguineus et ethites quod
est [illegible] valet rupturis et
sanguinem vomentibus et dissintericis sicut
predictum est.

De elitropia

de elitropia

Elitropia gemma est viridis guttis pu-
niceis et venis sanguineis superspersa
et est sic dicta ab effectu quia si ponatur in aqua
radiis solis opposita ebullire facit aquam in
vase positam resolvitur in nebulam et post
paululum resolvitur in guttas pluviales.
Hec autem gemma dicitur posse facere mira. Nam
posita in pelvi in aqua clara radios
solis mutat et ex aeris repercussione obum-
brare videtur radiorum solarium claritatem
et quendam inducere in aere quasi sanguineum
colorem ac si sol ex interpositione corporis
lunaris ad solem sol pati eclipsim videretur.
Et ideo quia ita dicitur sol posse mutare
claritatem vocatur elitropia id est solis conversio
nuncupatur. Et hoc expresse dicit Ysy. et dyas.
et etiam in lapidario dicitur. Ex re nomen
habens est elitropia gemma que solis radiis
in aqua subiecta vatillo sanguineum
reddit mutato lumine solem. Eclipsimque
novam terris effundere cogit. Et dicit ysydorus
quod ita manifestat incantatorum stultitias
et magorum qui in suis judiciis colorant
[illegible] [illegible] bonum asserit in hiis quod operatur
sicut facit gemma supradicta de qua exem-
plificando dicit quod hec gemma cum herba eiusdem nominis
[illegible] quibusdam incantationibus peractis fal-
lendo visum intuentium facit portantem homines

no videt. [illegible] multis aliis est hec gemma commendabilis quia sanguinem stringit [illegible] [illegible] pellit [illegible] [illegible] lapidi [illegible]

## De Enidrone

Enidros parvus est lapis et modicus [illegible] distillat [illegible] [illegible] sit [illegible] [illegible] [illegible] vi-dent in lapidibus [illegible] [illegible] distillat [illegible] velut ex perenni fontis scaturigine manat. Et [illegible] quod distille-est [illegible] [illegible] [illegible] [illegible] continet [illegible] lapidis [illegible] [illegible] non [illegible] minor [illegible] [illegible] liquescit [illegible] non [illegible] vel aliud [illegible] ingredi quia [illegible] non [illegible] pellit ingredientem. [illegible] [illegible] [illegible] [illegible] videtur quod virtus lapidis [illegible] magna [illegible] sibi [illegible] propinquantem. Et [illegible] [illegible] et [illegible] lapidis quod [illegible] [illegible] [illegible] [illegible]

## De Epistite

Epistites est lapillus rutillans et rubicundus, qui ex proprietate [illegible] [illegible] tutum servat, compescit seditiones, [illegible] locustas et volucres et [illegible] nebullas ac grandines a [illegible] [illegible] et oppositus soli ignem et radios emittit. Et si hic lapidem in aqua fervente proiecerit cessat ebullitio, et post modicum frigescit ut dicit ysydorus et dyascorides.

## De Exolitro

Exolitros lapis est [illegible] [illegible] [illegible] [illegible] coloribus est distinctus et est preciosus valde et efficit oculos hominis intuentes [illegible] [illegible] et in libia apud trogoditas invenitur.

## De Ferro

Ferrum a feriendo est dictum ut dicit ysydorus. [illegible] [illegible] [illegible] facit et domat et [illegible] omnia quia metallorum [illegible] [illegible] [illegible] terra originem trahat durissimum tamen et solidissimum. Et ideo omnia alia metalla feriendo [illegible] et dillatat [illegible] dicit ysydorus. [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Est [illegible] [illegible] [illegible] [illegible] et aqua [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in igne [illegible] est et [illegible] [illegible] ut dicit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] vel ex suo [illegible] [illegible] [illegible] ex [illegible] [illegible] [illegible] [illegible] ex sanguis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Et [illegible] a ferro [illegible] [illegible] humani [illegible] [illegible] [illegible] nulla [illegible] [illegible] [illegible] [illegible] rubigine [illegible] sicut [illegible] humano sanguine [illegible] [illegible] adamante [illegible] [illegible] [illegible] et adamas [illegible] [illegible] ferrum [illegible] [illegible] [illegible] [illegible] vel [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Et ferrum [illegible] [illegible] [illegible] vel [illegible] [illegible] [illegible] [illegible] [illegible] rubiginem [illegible] [illegible] [illegible] [illegible] medulla [illegible] [illegible] [illegible] ysydorus.

Et [illegible] [illegible] [illegible] [illegible] vel [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit Constantinus. Ferrum etiam ut dicit ysydorus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] non est utile ad [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vel [illegible] [illegible] ferro [illegible] est bonum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] plus diligat [illegible] [illegible] ab auro. [illegible] ferro [illegible] [illegible] [illegible] non [illegible] [illegible] [illegible] [illegible] [illegible] ab hostibus non [illegible] Ferro communis iustitia redditur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ferro [illegible] nullum [illegible] opus [illegible] [illegible] nullum edificium [illegible] agricultura nullatenus [illegible]. Et ideo [illegible] ysydorum est dictum ferrum a quo ferrea [illegible] [illegible] [illegible] [illegible] [illegible]

ferro [illegible] parum de terra acquirit sicut ita [illegible] ferro [illegible] ferro conque[illegible] dum [illegible] in usu [illegible] ab [illegible] assumat [illegible] ferro aque ut dicit Salom[on] [illegible] vinum [illegible] ferrea [illegible] et [illegible] facilius quodlibet [illegible] Item dicitur ferri [illegible] que in igne [illegible] [illegible] sic dicta eo quod ferro ignis [illegible] sit excussa ysydorus.

De ferrugine

Ferrugo est limatura sicut squama vel aliud quod revolat ex percussione ferri, et est virtutis siccandi et stringendi. Et ideo valet contra oppilationem splenis [illegible] [illegible] potenter excitat in [illegible] qualitatem [illegible] ad mortem [illegible] pulvis [illegible] vel aqua in qua per noctem iaceat [illegible] [illegible] reprimat. Contra [illegible] de [illegible] pulvis eius optimus [illegible] fluxum [illegible] stringit ut dicitur in platario. Ferrugo etiam dicitur ferri rubigo et corrosio dicta a rodendo non ab [illegible] ut dicit ysydorus [illegible] [illegible] et [illegible] post se [illegible] [illegible] ferrum magis purum et politum est tanto [illegible] et [illegible] a rubigine [illegible] et [illegible] removetur [illegible] [illegible] talibus modis s. per ignis [illegible] vel per [illegible] ferri [illegible] vel per [illegible] lapidis et durioris [illegible] [illegible] hoc autem proprium [illegible] [illegible] infectio [illegible] [illegible] [illegible] ad locum in quo semel radicaverit.

De gleba

Gleba ex collectione pulveris est simul in uno glomere coadunata. ysydorus li. xv. [illegible] terra [illegible] gleba est [illegible] non pulvis [illegible] [illegible] terra [illegible] non recipit et receptum in gremium [illegible] non [illegible] Confracta non tegit semina atque nutrit [illegible] pluviam remollita [illegible] pinguedinem in se recolligat qua ad semina producenda radicibus circumfundit ut dicit [illegible] [illegible] gleba [illegible] in se [illegible] naturaliter [illegible] [illegible] ex glebis diversa [illegible] producuntur sicut dicit [illegible] super illud Job [illegible] Lapides saphiri locus eius et glebe illius aurum.

De gemma

Gemma dicitur eo quod luceat et perlucida est. gummis ut dicit ysydorus [illegible] dicte [illegible] [illegible] fuerunt [illegible]. Quarum [illegible] [illegible] et preciosarum locutus sicut scripturum [illegible] preciosus [illegible] ysydorus Nec aliquis debet dicta dubium aut falsum [illegible] sua sit virtus virtus insita gemmis quia sicut dicitur in lapidario [illegible] est herbis virtus data maxima gemmis. Quarum quedam in venis terre inveniuntur et in metallis [illegible] quedam a profundo maris veniunt et [illegible] lora ignorant et tales gemme semper in litoribus maris et fluviorum [illegible] reperiuntur. Quedam in corporibus animalium [illegible] et [illegible] sepius procreantur [illegible] aut [illegible] gemme [illegible] [illegible] [illegible] sanguinem nobiliores sunt et [illegible]. Nam ut dicit ysydorus in [illegible] de gemmis aureis in quibusdam [illegible] gemmarum [illegible] veras [illegible] [illegible] magna difficultas est. Nam [illegible] [illegible] [illegible] in [illegible] [illegible] videtur esse similes ita ut [illegible] possint a sardonice [illegible] quia quedam ut dicit ysydorus per smaragdo [illegible] arte [illegible] et fallit oculos sub dolo quedam [illegible] [illegible] [illegible] [illegible] fraude nulla mortalium vita est ysydorus. [illegible] non [illegible] [illegible] appellare [illegible] [illegible] sua obscuravit ysydorus. [illegible] fallimur sicut [illegible] [illegible] plus virtutis [illegible] latet in parvulo adamante [illegible] et [illegible] [illegible] in smaragdo [illegible] vel berillo.

De gagate.

d[e] ferrugine

d[e] gleba

d[e] gemma.

d[e] gagate

[illegible] gagates lapis

Gagates lapis est [...] et [...] primo in Sicilia in Gagante flumine est repertus. Plures [...] plurimus ad [...] partes [...] est notatus licet in Britannia sit plurimus et optimus ut dicit Ysydorus. Est autem [...] planus [...] et niger [...] aut est planus levis et facile [...] igni appositus fere redolet sicut thus fumus autem odore suo serpentes fugat demoniacos prodit et demonibus contrariari esse putatur. Virginitatem prodit quia aqua eius bibita si bibens est virgo non [...] si non est virgo statim [...] etiam si contra voluntatem ut dicit Dyascorides et sic virginitas per lapidem reperitur ut dicit Auctor. Item idem lapis tamen more [...] [...] attritu digitorum [...] [...] leves [...] appositas attrahit [...] [...] potus eius confert ydropicis quia [...] consumit [...] et dentes confortare [...] ex sua forsan [...] et etiam occulta qualitate. Item pulvis gingivis appositus dentes roborat debiles et lassatos. Item multum dicitur valere contra fantasmata et nocturnas demonum vexationes. Item eius suffumigatio provocat menstrua que aliquo sunt ablata. Item [...] sedare dolorem matricis que [...] [...] aliquo seu aliqua [...] [...] fistula et carcinoma [...] dissolvit ut dicitur in Plateario. Item valet ad accelerandum partum et adiuvat parturientem ut dicitur in lapidario. Item si lapis iste [...] [...] mirabilia [...] [...] [...] latius [...] ignorat [...] etiam lapidem dicit Ysydorus [...] in aqua accendit extinguitur [...]

galarict

De galatide

Galatidis est lapis colore cinereus [...] [...] quidam [...]

[...] lapis [...] et [...] [...] et [...] [...] et [...] fugat [...]

De gelangie

Gelangia gemma est [...] [...] [...] [...] [...]

De gerachite

Gerachites lapis est niger [...] [...] calore [...] ablutus [...] [...] dicitur [...] potest quid [...] sicut dicitur in lapidario [...] reddit et amabilem [...] probatur [...] [...] [...] [...] lapidem [...] [...]

De jaspide de jaspide

Jaspis gemma est viridis smaragdo similis sed grossioris coloris est [...] ut dicit Ysydorus. [...] jaspis [...] gemma [...] [...] viridus [...] febres et ydropisim [...] [...] fugat fantasmata et [...] [...] sanguinem et [...] [...] menstrua [...] [...] et [...] [...] [...] [...] [...] lapillus jaspidis [...] [...] [...] [...]

[illegible] aut viridis per [illegible] ... [illegible] et [illegible] ... [illegible] ... [illegible] ut dicit ysidorus ... [illegible]

De iacinto

I[acinctus] lapis est [illegible] ... aliquantulum et propinquus ... [illegible] ut dicit ysidorus ... quidam qui in ethiopia ... qui [illegible] ... [illegible] ... ut dicit ysidorus [illegible] non ... [illegible] ... in [illegible] ... et [illegible] ... fugidus ad [illegible] ... ab adamante ... et [illegible] ... [illegible]

[illegible] ... et [illegible] ... [illegible] ... et [illegible] ... [illegible] ... et [illegible] ... [illegible] ... ut dicit dyascorides ... [illegible] ... et [illegible] ... [illegible]

est in parte [illegible] non per [illegible] sic dicit ysidorus.

De yrid.

I[ris] lapis est [illegible] ut dicit ysidorus qui [illegible] in [illegible] fuit mare rubrum et inventus [illegible] in locis [illegible] et [illegible] ... colorus ... cristallo similis ut dicit ysidorus. Et dicitur iris quia [illegible] ... quia [illegible] ... et colores arcus celestis ... opposito [illegible] ut dicit ysidorus [illegible] ... bre[illegible] ... brillus [illegible] quod tantum non [illegible] ut dicit dyasc[orides] ... lapis [illegible] partum ... [illegible] ... dolores ... et ut non tantum [illegible] periculo [illegible].

De iena gemma.

I[e]na est gemma que in oculis iene bestie invenitur que si sub lingua hominis fuerit [illegible] ... [illegible] ... futura ut dicit ysi[dorus] et lapidarius.

De kamaü

K[am]maü lapis est colore nunc albus nunc sub nigro nunc sub rubigdus nunc [illegible] coloribus distinctus. Est autem sic dictus a [illegible] quod est idem quod [illegible] ... in locis sulphureis et cali[illegible] invenitur cuius virtus secundum dyasc[oridem] est curare ydropisim diversis ymaginibus et figuris sculptis et politis.

De kabrat

K[a]bratus est lapis [illegible] cristallo [illegible] dare eloquentiam [illegible] ... et [illegible] ... ut dicit dyascorides.

De ralchophano

Ralchophanus est niger lapillus, colore desperatus, qui gestatus in ore dicitur clarificare vocem et defensare a raucedine faucium ut dicitur in lapidario.

De ligurio

Ligurius lapis est in colore electro similis dictus sic ut dicit ysidorus a lince bestia, ex cuius urina intra arenulas congelatur. Virtus eius est paleas attrahere. Valet contra dolorem stomaci et stringit fluxum ventris turbati, urinam prodit [illegible] et est dissolutus qui [illegible] colore [illegible] ut dicit dyas[corides].

De liparia

Liparia est gemma de [illegible] vocatis cuius proprietas est quod omnes ferae ad ipsius presentiam properant et ipsam intuentur. Unde venatores feras quas canes persequi rapi non possunt solius liparie aspectu ad se ducunt sicut dicitur in lapidario.

De margarita gemma

Margarita omnium gemmarum candidarum est prima atque precipua ut dicit ysidorus que inde margarita nomen est vocata quia in conchis maris hoc genus lapidum invenitur; nascitur in carne conche sicut in cerebro [illegible] aliquando inveniuntur gignitur ex celesti rore quem certo tempore anni conche hauriunt. Ex quibus margaritis quedam unio nuncupatur [illegible] nomen aptum eo quod tamen unus [illegible] nunquam duo vel plures simul reperiuntur. Sunt autem meliores margarite candide quam que flaventes. Illas autem in iuventute aut in matutinis roris [illegible] vel vespertinus aer reddit obscuras hucusque ysidorus [illegible] perforate inveniuntur autem quedam nature perforate et alie sunt aliis meliores. Quedam autem perforantur arte ut dicit platearius. Sunt autem margarite que sunt albe et clare et speculares et rotunde. Sunt autem virtutis confortative vel a tota specie ut dicit quidam vel quia asperitate quadam abstergunt membra a superfluis humoribus et [illegible] et [illegible] tando confortant. Valent contra cardiacam et sincopim cordis et contra debilitatem et [illegible] fluxum medicinis valet etiam contra fluxum sanguinis et fluxum ventris ut dicit platearius. Dicit

autem [illegible] [illegible] [illegible]
ex [illegible] [illegible] [illegible]
tanto maiores gignit [illegible] [illegible]
tantis sicut ulla [illegible] [illegible]
[illegible] [illegible]
[illegible] margarita gemma quem [illegible]
[illegible] vel [illegible]
claudit [illegible] et sic parit [illegible]
[illegible] antiqua et [illegible]
[illegible] [illegible] ut dicit [illegible]

De magnete

Magnes lapis est indicus ferrei coloris repertus in india apud trogoditas [illegible] ut dicit ysidorus ferrum trahere [illegible] nam [illegible] multorum. Secundum unus [illegible] ferrum [illegible] apellat [illegible] et [illegible] sicut ferrum [illegible] bis tanta est ut [illegible] [illegible] quod si vas [illegible] magnetis [illegible] sub vasse argenteo vel [illegible] ferrum quod desuper positum fuerit ex motu lapidis [illegible] ferrum desuper movebitur et [illegible] [illegible] [illegible] [illegible] simulacrum de ferro quod in aere pendere videtur. Est etiam alia species magnetis in ethiopia que ferrum respuit et a se fugat. [illegible] magnes tanto est melior quanto ceruleor [illegible] [illegible] [illegible] reconciliat maritos uxoribus et auget gratiam et decorem in sermone cum illa curat ydropisim et splenem alopitiam et arsuram. Pulvis autem aspersus per quatuor angulos domus super carbones [illegible] [illegible] [illegible] [illegible] [illegible] orbem et commotione. Magnes etiam [illegible] sicut et adamas capiti [illegible] supposita [illegible] cum subito amplexari dicitur si [illegible] si adultera fuerit subito a lecto se removebit timore fantasie. Hec lapidarius. Lapis magnes [illegible] calidus est et siccus in [illegible] gradu virtutem habet attrahendi ferrum [illegible] [illegible] lapide [illegible] ferro [illegible] attrahitur et dissoluitur. Unde [illegible] valet [illegible] pulvis eius confectus [illegible] apostolicon appositus [illegible] ferrum [illegible] et pulvis magnetis in [illegible] ferro [illegible] [illegible] et splenem et alopitiam et [illegible] ut dicit [illegible]

## De melanite lapide

M[illegible] est lapis dictus eo quod [illegible] ... [illegible] ... [illegible]

## De memphite

M[emphites] est lapis a loco egipti [illegible] dictus gemma est ut dicit [illegible] ... [illegible] ... tormenta [illegible]

## De nitite gemma

N[itites] est gemma sic dicta [illegible] colore [illegible] ... odorem sicut nardus.

## De [illegible]

M[illegible] est lapis [illegible] ... [illegible]

## De molochite gemma

M[olochites] gemma est viridis smaragdo [illegible] ... [illegible] nascitur in arabia [illegible] ... [illegible]

## De marmore

M[armor] [illegible] a viriditate [illegible] ut dicit ysydorus. Dicitur autem mar[mor] [illegible] ... [illegible]

marmor [illegible] est [illegible] ... et notabilis [illegible] ... marmor purpureus [illegible] ... et [illegible] purpureus [illegible] ut purpura. Dicitur et multa alia genera ut allabaustrum et parium [illegible] dicuntur infra. Est etiam aliud genus [illegible] in asia [illegible] in mensura et est candidus sicut [illegible] quasdam maculas quadam proportione et diverso [illegible]. Est et [illegible] auream [illegible] et invenitur in [illegible] egyptiorum [illegible] sup illud [illegible] Sunt et alia genera que in [illegible] et marmor [illegible] quo [illegible] sunt limina atque trabes. Est et [illegible] et optimum nomen ab aspectu [illegible] quod gratum sit [illegible] qui gemmas sculpiunt. Huius nomine viriditas reficit oculos. Est et [illegible] quod [illegible] reddit [illegible] et nomen accipit.

Sunt et alia multa marmorum diversitates de quibus [illegible] ysy. li. xvi. [illegible] ad presens sufficiat. Marmor itaque aliis lapidibus est solidius et fortius pulchrius et utilius, [illegible] ut [illegible] diversarum [illegible] fuerint, et propter sui soliditatem [illegible] et pollet, propter sui [illegible] et solid. ad [illegible] et unguenta aromata custodiendum utilium fuerunt. Super omnia autem admirari possunt quod marmorei lapides nec [illegible] nec ferro, nec etiam serra vel malleo [illegible] potentia aurei domantur, sicut [illegible] laminam plumbea assiduis molissimis [illegible] plumbo [illegible] et [illegible] ferro lapides marmorei diu durant serrantur et [illegible] adaptantur.

## De Nitro

N[itrum] [illegible] dyascorides est lapis sub albidus [illegible] et [illegible] est [illegible] abstersiva et [illegible] consumptiva [illegible] de nitro

aut dicit ysydorus li° 16° ca° Nitrum a regio-
ne nitrea repertum est dictum. De quo medicina
fiunt et sordes corporis et vestium abluuntur. Vul-
na ipso medetur et sale distat. Est autem natura
salis et simile. Oritur saneque fontibus sicut rati-
onibus afri omentum nuncupatur. Et colligitur
distillans in partibus circa in spiluncis et inde
calore solis desiccatur. Et est optimum ad sana-
tum est minime ponderosum ut dicit ysydorus.
Secundum platearium autem Nitrum est vena terre
et est calidum et siccum leve rubeum vel album
vel citrinum; gustu est amarum acutum et sub
salsum pinguedine retinet si sit oc-
culta humoris [illegible] et consumit.
Pulvis eius cum melle confectus facie clari-
ficat et dentes mundificat [illegible] stomac-
et intestinorum ex applicatione procedentes [illegible]
et panis capitis dirigit. Vinum autem [illegible]
ficat et eas mundissime extergit cum [illegible]
Sputum eius torsionibus et inflationibus
subvenit, ydropicis appetitur cum melle
mixta calefacit oculorum dirigit [illegible]
mortificat et excludit, paleum lingue [illegible]
[illegible] prohibet secundum platearium et dyascoride.
Est autem nitrum calidum et siccum in [illegible]
gradus laxativum collativum ut dicit const[antinus].

De noseth.

Noseth .i. crapudina lapis est preciosus
subalbidus aut varius qui ut dicitur
in buffonis capite invenitur a quo extrahitur
et in forti vino et aqua mundificatur ut dicit
dyascorides et in eo aliquando invenitur forma
buffonis cum spatiis pedibus et diffusis. Hic
lapis valet contra morsus serpentium et reptilium et
contra venenum nam presente veneno varius
lapis tangentis digitum adheret et sic sibi
ambo ut dicit dyascorides.

De onichino

Onichinus lapis est indicus et arabicus
commixtum in se habet colore et similitudine
humanum unguis ut dicit ysy[dorus]. [illegible]
unguis onichino dicitur [illegible] autem [illegible]
[illegible] colorem habet [illegible]
sive zonis. [illegible] arabicus niger est

[illegible] colorem [illegible] zonis [illegible]
[illegible] sardo [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et [illegible]
[illegible]

De optallo

Optallus ut ysydorus est lapis [illegible]
[illegible] coloribus distinctus est [illegible]
carbunculi tenuis ignis ametisti fulgens
purpura smaragdi virens viriditas [illegible]
[illegible] coloribus [illegible] varietate [illegible]
[illegible] a patria [illegible] lapidum India sola
parens ut dicit ysydorus [illegible] reddit [illegible]
virtutes [illegible] coloribus. Optallo dicitur
in lapidario [illegible] optallus [illegible] oculos [illegible]
[illegible] alios [illegible]
[illegible] obducta nube [illegible]
[illegible] ut non [illegible]
[illegible]
[illegible] patronus

De oriete

Oriete [illegible] est nigra et rotunda, alia
[illegible] maculas albas habens
[illegible] est [illegible] alia [illegible]
plana et [illegible] lamina [illegible]
lapis gestatus [illegible]
et [illegible]
[illegible] prohibet [illegible]
[illegible]

De petra in generali

Petra nomen generale est et nomen [illegible]
quod [illegible] ut dicit ysydorus
[illegible] solidus et [illegible]
[illegible] lapis [illegible] petra [illegible]
est dicta [illegible] potius [illegible]
[illegible] et calcis [illegible]
et [illegible] petra [illegible]
[illegible]

.1.

[illegible] [illegible] ut dicit ysidorus lapides
[illegible] molles et porosi [illegible]
[illegible] montibus excidunt[illegible]
[illegible] lapis ab eo dictus [illegible]
[illegible] dicitur [illegible] cum
[illegible] a ferro [illegible] [illegible]
[illegible] [illegible] ex [illegible]
[illegible] super terre et lapidis
[illegible] ignis [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] lapis non fit [illegible] [illegible]
[illegible] coagulari [illegible] lapidis
[illegible] fit [illegible] ex [illegible]
[illegible] aere et terre [illegible]
lapidis et terra fit [illegible] ut paul[illegible]
[illegible] [illegible] et [illegible] fit
lapis [illegible] [illegible] actus [illegible]
[illegible] quod [illegible] est tale non est [illegible]
[illegible] potius [illegible] ex [illegible]
[illegible] terrea [illegible] [illegible]
[illegible] humoris [illegible]
lapides qui ex diversitate terre diversorum
colorum recipit qualitatem. [illegible] fiunt
lapides ex aque [illegible] [illegible]
[illegible] quedam loca [illegible] aqua [illegible]
[illegible] in lapides diversorum colorum et [illegible]
[illegible] quadam [illegible] [illegible]
[illegible] aquas [illegible] [illegible]
[illegible] ut dicit [illegible] [illegible]
[illegible] ex [illegible] [illegible]
illud coagulantis et [illegible] [illegible]
in [illegible] lapidum [illegible] [illegible] la-
pides ex aqua [illegible] [illegible]
materiali forme lapidis [illegible]
[illegible] lapidum [illegible] [illegible]
[illegible] quidam [illegible]
[illegible] quidam [illegible]
qualitatis [illegible] potentiatem [illegible]
[illegible] [illegible] in [illegible]
[illegible] qualitatum in [illegible] lapidum diver-
sitatem lapidis in [illegible] [illegible]
[illegible] [illegible] loca mineralia [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible]

in eis [illegible] nobiliorum et eo quidam lapides
preciosi [illegible] et [illegible] plantarum [illegible] virtu-
tibus [illegible] ut patet in [illegible] gemma
[illegible] pluribus ut dicit ambrosius basilius
ysidorus et alii ut post patebit. Item
[illegible] lapidis [illegible] [illegible] quia
lapis [illegible] est [illegible]
et durus [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] partibus
[illegible] dilabantur et [illegible] [illegible] et [illegible]
[illegible]. Unde dicit ambrosius quod lapides sunt
ossa terre, quod sicut sunt ossa in corpore
sic fiunt lapides in diversis partibus [illegible]
ipsam [illegible] et [illegible] [illegible]
[illegible] [illegible] ipsam [illegible]
et adunant lapides per aquas superfusio-
nem sua duritia non [illegible]
[illegible] destructionibus [illegible]
ut dicit [illegible]. ¶ Lapides etiam si [illegible]
fuerint in [illegible] [illegible]
et in aceto [illegible] ut dicit ysidorus
[illegible] lapidibus ergo generaliter [illegible] [illegible]
[illegible] virtutis et [illegible] coloris et fi-
gure diversitas et multiplex utilitas. Nam
[illegible] sunt in edificiis construendis in pla-
teis [illegible] pro pontibus faciendis pro
hostibus expugnandis, pro lupis et canibus
effugandis pro metallis [illegible] pro
[illegible] [illegible] [illegible], et pro [illegible]
[illegible] regum [illegible], pro civitatibus
et castris muniendis, pro [illegible] et [illegible]
defensandis. ¶ Lapides itaque primo de [illegible]
[illegible] quadrant et poliunt
politi in edificio collocant, ordinant ma-
iores sub minoribus [illegible] mediante [illegible]
[illegible] [illegible], obducuntur [illegible]
[illegible] et [illegible] [illegible]

### De pario lapide

d[e] pari[o]

Parius lapis [illegible] marmoris [illegible]
[illegible] et [illegible] ut dicit ysi[dorus] [illegible]
[illegible] [illegible] [illegible] et parius
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

pro conservandis sorbis et unguentis ysydorus
Glo. dicit super Iob primo dicit quod parius
est genus marmoris candidissimum et co-
signat castitatem.

De prasio lapide

Prassius est ad virorem porri viridis la-
pis conferens debilium oculis invenitur
cum guttis sanguineis qui guttis est distinctus
de quo dicit in lapidario vilis nihil ef-
ficit nisi quod viret et dicit aurum.

De pirite

Pirites ut dicit ysydorus est lapis fulvus
aeris similitudinem qualitatem habens plurimum
ignis est et facile cum intus scintillas emittitur
tenentis manum si vehementer comprimatur
adurit propter quod ab igne nomen accepit et
pro dicit in lapidario: Tangi vult leviter
blandaque manu teneri. Nam presse nimium
digitos stringentis adurit.

De penite

Peanites est lapis qui dicitur ferrminei
sexus, via certo tempore concipit et parit
consimilem lapidem et confert pregnantibus secundum
dicit dyascorides.

De plombo

Plumbum habet proprietates quibus
miscendo partes homogeneas congregat
et ethrogeneas segregat et mundificat et
io ponitur cum argento in fornacem et argen-
tum facilius mundificetur et probat argentum
a consumptione preservat. Et ipso plumbo
combusto argentum purgat. Ideo dicit Iob.
in glo. super xxviii capitulo ferri. Ubi dicit quod plum-
bum in sua ebullitione omnem soliditatem pro-
ducit soluit etiam adamantem. Item dicit
Aristoteles libro methaurorum plumbum tegit cum liquatur
procul dubio est argentum vivum sed non liquatur
nisi calcificatur et tunc apparuit rubra omnia
liquefacta. Cum vero dicit est cum plumbum
livida vel subnigra est coloris cum pro ex-
sitionem suam sudaneum pulchrum colorem
generare consuevit et in ... et huius

Est enim plumbum ... medicine
est cum frigidum et humidum ...
ut dicit Const. Contra vero ...
et apostemata calida valet ...
fluxum sanguinis ... vero ...
ventum ... impressa ... scorpionum mitigat et drachonum venenum pro-
hibet si plumbi lamina lumbis apponatur.
Aliud habet etiam medicinales ... nisi
de pulloribus capitulo de stibio quod alio nomine
... id est flos plumbi vocatur.

De pulvere in generali

Pulvis dicitur ex eo quod vento pulsatur
ut dicit ysydorus. Levitate sua a vento
tollitur et differtur. Unde siquis pulverem supra
terram ipsum commagitur et turbine generan-
tur. Unde dicit beda: pulvis concussus naturam ...
a qua resolvitur unde vero per saporem
non per odorem vero etiam per colorem. Est ut o
pulverizantur species aromatice ut rarum in
tempore ... sunt ... ut per partium
commixtionem et unionem ampliorem virtutem
accipiant vero odoris sui fragrantia diffu-
sius circumspergant vero gustui suavius efficia-
tur vero vulnera putrida desiccant efficatius
et abstringant vero carnem mortuam corrodant
et auferant et ultra ... permittant.
Fiunt pulvis plumbi combusti purgat vulnera
et exsiccat et corrodit superflua et carnem
bonam ... generat et consolidat vero dicit Const.
Et eo ex pulveribus conficiunt emplastra
et unguenta componunt thymiamata et
diversa efficiunt antidota et unguenta
in pulverem resolvuntur thus et mirra ut
ex pulveris remanente offerunt holocausta.
Ex pulveribus etiam fiunt salutifera electu-
aria quibus viva corpora sanitati restituuntur
et a morbi periculo refrenantur. Ex pulve-
ribus etiam fiunt unctiones et malag-
mata quibus mortuorum corpora ... custodiuntur.

pergen in in cineres aut puluerem redi- guntur pulueres et humores ad inuicem com- mixti ... in globo [illegible] ut dicit ysydorus. Ex pulue- re ... oculus ledit(ur) et multiplex ... ex puluere producuntur et ex puluere pascunt(ur) et nutriunt(ur). Corpus enim puluis est pa... ut dic(it) ysy. li. ... Ex puluere ... natum nascitur et in pulverem quo sumpsit reuer- titur ... pulvis es et in pulverem reverteris. Ex puluere ... et ... oculus ... mordet. Nam ex puluere ... nubila gignuntur. Et ... lucet sol ... Et ... luminis et pulueres in athomis solis radiis per fenestram intromissis ... 

De quirino lapide

Quirinus ut dicit ysydorus et dyascorides est lapis qui in nidis ... inuenitur. ... dormientis hominis facit loqui omnia que commisit ... et auget mirabiliter fantasias unde et magi ... lapide illo ... malefitia operantur.

De quandros

Quandros est lapis colore ... ut dicit dyascorides ... in capite vulturis ... contra ... lacte replet.

De bollo armenico

Bolus et alio nomine ... armoniacus qui est lapis ... et est ... frigidus et sicc(us) ... coloris ... Et inuenitur in armenia ... constringendi ... et sanguinem ... fluat.

De rybin

Rubin ... est lapillus qui inuenitur in capite ... et ... albus alii ... in flauum colorem ... dur(us) quo ad ... ad formam est

extrinsecus rotondus et planus, intrinsecus non parum est concauus, quo ad uirtutem ... nate est frigidus et humidus. Et ... contra morsus scorpionum et ... si more ... supponitur ... contra morsus ... si puluis eius in potu sumatur. Item si ... pulvis eius modificat ... et ... et ... et prohibet lacrimas

De Saphyro gemma

Saphirus est gemma ceulea ... in colore ... optima est inter gemmas et ... preciosa et regum digitis magis apta ... in multis locis inueniuntur sed orientales sunt ... et maxime qui habet quasi quosdam pulueres aureos intermixtos, et hic est saphirus ... ut dicit ysydorus. Hic lapis maxime commendatur in lapidario ita quod ... gemmarum gemma uocatur, nam corpus ... et ... membra conseruat, stella habet ... quia ... refulgentia eius uirtus ... dicitur. Alia est species saphiri que ... dicitur quia ... inter arenas maris ... inuenitur ut dicit dyas. Inuenitur autem in ... ubi lazurium ... reperitur. Et in ... saphirinus ... carbunculi reperitur. Et ideo a multis saphirus ... carbunculi ... in eius ... a ... Et ... carbunculi saphirus ... quadam scintilla ceulea ut multi asseruntur ... obumbrari ut dicit dyascorides. Saphirus itaque secundum dyas. habet ... ad ... saphiro dicit

in lapidario. ¶ Corporis ardorem fugat
interiorem. Nam in febribus caumaticis et
ptisicis refrigerium prebet. Item si saphirus
super venas cordis pulsantes suspen
ditur iuvat illud et corroborat. Unde
dicit dyas. quod contra periodicas febres
tenet [illegible]. Item virtutem habet confortati
vam cordis et letificativam et ideo dicitur
valere contra cardiacam passionem et de
fortitudine fluorem reprimit et sudorem
sicut scribitur in lapidario. Sudorem
stringit nimium [illegible] fluentem.
Item dicit dyascorides et virtutem habet
fluxum sanguinis restrictivam. Unde saphirus
orientalis si temporibus apponatur solet
stringere sanguinem de naribus profluentem.
Item virtutem habet singularem tumoris et
inflature sedativam. Certum enim est
quod apostemata reprimit inflaturam si
in principio collectionis nocive citius appona
tur. Item valet contra antracem. Nam habet
habet maliciem et venenositatis antracis
expulsivam. Cuius enim venenositatem
venenositatem reprimit et expellit. Et [illegible]
rius malicia spiritus inficiat spiritus suum
ad cor astruit non permittit, ut dicit
dyas. Item virtutem habet veneno contrariam et
ipsius penitus extinctivam. Unde si aranea
in vase infra pixidem posueris et deinde
saphirum [illegible] super pixidis
orificium aliquantulum diu tenueris aranea
eius virtute victa subito moritur
ut dicit dyas. Et hoc idem vidi sepius
et in diversis ac pluribus experiri. Item
virtutem habet visus conservativam et sordium
oculorum sive granarum purgativam
ut scriptum est in lapidario. Tollit
et oculis sordes et de fronte dolorem.
¶ Item virtutem habet ulcerum curativam. Nam ut dicit

dyascorides pulverizatus [illegible] et lacte admixtus
ulcera sanat et hoc etiam visum [illegible]
expertum. Item tenet auctoritas quod ille
lapis apud veteres [illegible] apud [illegible]
medicum putabatur. Unde et Apollini fuit
saphirus consecratus quia eo gentiles
pro responsis Apollinis sacrificiorum tempore
consulebant. Credebant etiam putantes
si saphirum in manu teneret [illegible] ut dicit
dyas. Et hoc tangitur in lapidario. Ubi dicitur
¶ Et plus quam reliquas amat hanc nigroman
tia gemmas. Ut divina queat per ea
responsa mereri. Item hunc lapidem
magi summe diligunt quia secundum eorum
opinionem per ipsius virtutem quedam possunt
mirabilia operari et hoc tangitur similiter
in lapidario ubi dicit ¶ Hic lapis in
perhibent educit carcere vinctos ¶ Obstrusasque
fores et vincula tacta resolvit. Hec
et multa alia de singularibus virtutibus saphiri
ab auctoribus sunt conscripta in hoc
omnes [illegible] constituunt quod saphirus est
gemma amatrix castitatis et ideo ne eius
effectus immunditia portantis aliquo modo
impediatur oportet ut ille qui eum portat
caste vivat. Sive illud sed qui gestat
eum castissimum esse [illegible]. Item dicit in
lapidario quod tollit invidiam expellit timo
rem et facit audacem et [illegible] firmat
in bonis animum et mitem facit hominem
et benignum. Que omnia puto esse dicta
dispositive potius quam effective. Sed hec nunc
sufficiant

De Smaragdo

Smaragdus secundum Ysidorum omnium
gemmarum virentium obtinet princi
patum cui veteres post margaritas
et uniones tertiam tribuunt dignitatem.
¶ Smaragdus a nimia viriditate dicitur [illegible]

de saphiro

de smaragdo

Ut dicit [illegible] Nam [illegible] omnes
[illegible] est [illegible] dicit gemmis
[illegible] maior est viriditas quam gemma
[illegible] Nam herbas virentes et frondes
[illegible] vincit circa se viridantur nimia
[illegible] ut dicit ysidorus. Nam
etiam visus lesos aliquo modo visibile obi-
bent. Gemma tamen ei nulla gratiosior
sicut [illegible] est. Cuius corpus si extensum
fuerit et retentum sub positum, ad modum
speculi imagines reddit. Quare vero
Cesar gladiatorum pugnas in smarag-
do conspexit ut dicit ysidorus.

Genera autem eius sunt xii. Set nobilio-
res sunt scithici qui scilicet in scithia regione
inveniuntur. Secundum locum tenent bactriani.
Colliguntur enim in commissuris saxorum
flante aquilone [illegible] tellure detecta
emicant quia tunc terre moventur maxime
in his ventis. Tertium egyptii habent colli-
guntur in metallis [illegible]
Nam ceteri [illegible] plumbo aut salis similitudines
[illegible] Smaragdi vero vino
vel oleo fiunt [illegible]
quamvis viriditate natura imbuantur.
Est autem alia species smaragdina que
[illegible] quia sit [illegible]
[illegible] et est calcosmaragdus
[illegible] ysidorus libro xvi capitulo
[illegible] gemma. Hic lapis a [illegible]
[illegible] ut dicit smaragdi [illegible]
[illegible] hominis ac
[illegible] ut dicit ysidorus libro xvi capitulo
[illegible] virescit [illegible]
[illegible] tun-
[illegible]
[illegible] ymaginem [illegible]
Nam sicut dicit lapidarius hic lapis [illegible]
appensus in causis dat persuasiva verba collo
suspensus. Curat emitritum et morbum
caducum. Visum confirmat debilem et confortat.
Lascivos motus temperat. Reddit memoriam.
Valet et contra illusiones et fantasmata de-
monum. Tempestates sedat. Sanguinem sistit.
Et dicitur hoc valere quod solent divinare
de futuris ut patet in lapidario.

## De Sardio

*d. sardio*

Sardius est gemma rubei coloris ad
modum terre rubee sic dicta quia
in sardis inventus est primo ut dicit ysidorus
et glosa super apocalipsim. Hec gemma quamvis sit
preciosa et pulcherrima, multis tamen reputatur
minus digna inter gemmas quia ut dicunt
[illegible] nil ferens utilitatis excep-
to quod onichinus qui quandam habet ut dicitur
quod omnis [illegible] non. Nam
onichinus qui quandam habet ut dicitur
nocivas proprietates non potest eas in presentia
sardii producere ad effectum. Dicit tamen
quidam quod per [illegible] dicitur hic sardius
[illegible] plures. Sunt enim eius species
quinque, quarum illa est utilior que trans-
mittitur a sardis et ista hoc quia accen-
dit gaudium et pellit timorem, audaciam
reddit et acuit mentem, et ipso presente non
nocet onix. Dicit enim quod sardius est
talis sanguinei coloris et gestantem facit
ab incantationibus et maleficiis tutum.

## De Sardone

*d. Sardon*

Sardonix est ex duorum lapidum socie-
tate, sardio scilicet et onice nomen
sumpsit ut dicit ysidorus. Constat autem
ex tribus coloribus. Nam niger est in ymo,
candidus in medio, et rubeus quasi minium
in supremo. Hic est laudabilior. Luxuriam
repellit ut dicitur et humilem efficit et
pudicum.

## De Salis gemma

*d. salis gemma*

Silicania candida est et translucens et est dicta sic a similitudine solis in orbe habente radios quia ut dicit ysidorus in [illegible] candidis gemmis.

De silenite

Silenites est lapis sparsus ut herba viridis [illegible] ut dicit ysidorus [illegible] [illegible] et [illegible] illa [illegible] [illegible] que est in ipso [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

De sulphure

Sulphur est vena terre [illegible] [illegible] [illegible] in sua compositione [illegible] et ideo vocatur sulphur secundum ysidorum [illegible] [illegible] viribus. Nam eius virtus ignis [illegible] [illegible] [illegible] [illegible]. Nam aquarum [illegible] [illegible] sulphureas transitu faciunt colore [illegible] [illegible] efficaciam et odorem [illegible] [illegible] coloris facit dicunt [illegible] [illegible] [illegible] habet dissoluendi attrahendi [illegible] incorporandi et ideo tussis [illegible] [illegible] iuvat si modo debito et mediocriter [illegible] in medio quibus utatur ut dicit [illegible] platearius et alii auctores

De sale

Sal a saliendo dicitur eo quod in igne [illegible] fugit [illegible] igni [illegible] fit [illegible] ut dicit ysidorus. Sal generale habet virtutem dissoluendi mondificandi [illegible] humores [illegible] [illegible] virtutem habet [illegible] [illegible] [illegible] [illegible] marinum si pulverizatum et [illegible] [illegible] super [illegible] [illegible]. Item [illegible] habet [illegible] naturalis in corpore [illegible] et [illegible] et [illegible] dissoluendi et abstergendi. Et ideo aqua salmatica tumores [illegible] [illegible] etiam ydropicas [illegible] ut dicit ysidorus. Item virtutem habet carnes putridas [illegible] [illegible] [illegible] est [illegible] [illegible] marinum resistit putrefactioni et maiorem habet [illegible] in [illegible] et [illegible] et etiam ad [illegible] [illegible] ut dicit [illegible]. Item [illegible] habet [illegible] [illegible] et [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sal [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] item virtutem habet [illegible] maculas [illegible] si in aqua [illegible] [illegible] [illegible] [illegible] [illegible] item [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] si in sapone [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] si in [illegible] et aliis quibusdam [illegible] [illegible]

Has et multas alias virtutes [illegible] [illegible] longum esset [illegible] [illegible] [illegible] [illegible]

De topatio gemma

Topazius vel topazion [illegible] gemma est ut dicit ysidorus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible]. Et [illegible] duos colores [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] topazius [illegible] [illegible] et [illegible] [illegible]. Contra [illegible] [illegible] [illegible] passionem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Fluxum sanguinis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] ut dicit [illegible] [illegible] [illegible] [illegible] [illegible] et valet contra [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

De tirgogis

Tirgogis [illegible] [illegible] est lapis [illegible]

[illegible] dictis regionibus [illegible]
[illegible] nascitur [illegible] ut dictum est
et [illegible] placentis [illegible]

d[e] terra sigillata

De terra sigillata

Rubea terra sigillata dicitur specialiter quedam
[illegible] rubea [illegible] quedam sicut
dicit platearius terra saracenica
[illegible] terra argentea que genus est subalbida
[illegible] clara potissime virtutis
est constrictiva nam pulvis eius album
[illegible] distemperatus fluxum sanguinis et
[illegible] sistit. Valet etiam contra suffocationem
prodest contra arthriticam si apposita
fuerit emplastrum

d[e] vitro

De vitro

Vitrum ut dicitur in plateario dicitur a
est inter lapides preciosos sicut stulti-
tia hominis sapientis [illegible] omnem
creaturam. Et dicitur vitrum ut dicit ysido-
rus quod visui translucet. Est igitur vitrum
[illegible] proprium [illegible] ymaginem et umbram
[illegible] ductile quod est liquidum frangi-
bile quod est frigidum et induratum [illegible]
[illegible] est [illegible] potius quam valor
[illegible] nobilium [illegible] et [illegible]
[illegible] ut dicit diascorides pulvis eius
mundificat [illegible] et in oculis [illegible] al-
bugines. [illegible] valet lapidi vesice
et renum quando bibitur cum vino

d[e] lapide lazuli

De lapide lazuli

Lazulus est lapis qui gestatur ab homi-
ne [illegible] ab apibus
[illegible] ut dicit [illegible] et [illegible] valet
contra [illegible]

d[e] zinguite

De zinguite

Zinguites est [illegible] quod lapis lazuli et
est lapis bona terre [illegible] fit lazurium
ut dicitur in lapidario. Est autem lapis
iste tanto melior quanto colore celesti est simi-
lior [illegible] modo purgat et solvit [illegible]
[illegible] dari [illegible]

ad [illegible] vasis [illegible] vel post [illegible]
ut habetur in plateario. Et sicut ex laminis plumbi
sic fit cerusa sic fit lazurium ex laminis ar-
genti [illegible] aceto. Lapis autem lazuli [illegible]
[illegible] in mineris argenti et auri
[illegible] et in suis venis [illegible] et [illegible]
[illegible] et [illegible] lapidis [illegible]
[illegible] ut dicit dyascorides.

d[e] zinguite

De zinguite

Zinguites lapis est vitrei coloris qui
[illegible] in collo [illegible] ultra [illegible]
et ut sanguinem stringit et [illegible]
[illegible] et si teneatur ad lignum [illegible]
[illegible] flamma [illegible] ut dicit
dyascorides

li[ber] xvij

Explicit liber xvi. Incipit liber xvij
de hys que ornant terram capitulum
primum

Postquam adiuvante deo completus est tractatus de proprietatibus corporum que in terra subsistunt [illegible] scilicet de lapidibus gemmis atque metallis et alijs que nascuntur in terre venis. Nunc dicendum est breviter de arboribus herbis et fructibus, floribus que ex eis mediantibus radicibus procreantur. Solummodo autem de illis arboribus et herbis aliqua dicenda sunt de quorum nominibus fit mentio in sacra pagina in textu vel in glosa. Et hoc prout poterimus faciemus per ordinem alfabeti. Arbor ut dicit ysidorus xvij libro capitulo vj ab arvis nomen suscepit eo quod adhereat terre fixis radicibus consuevit sicut herba. Utraque enim filia sunt duo quo ad ortum quia ex uno gignitur alterum. Nam [illegible] terra [illegible]

qui in babaris [illegible] et [illegible] hinc [illegible] consurgit in arbor et [illegible] bernie [illegible] spatium [illegible] videtur inter bustum novella et tenera [illegible] est dicta arbustum [illegible] arboris hasta [illegible] arbustum [illegible] ubi arbores [illegible] sicut [illegible] sicut salices et [illegible] ubi [illegible] ut dicit Ysidorus in libro [illegible]

A [illegible] in libro [illegible] vegetabilibus [illegible] ponit arbor et plantas [illegible] dicit [illegible] quod in arboribus et plantis est vita [illegible] vegetabilis quemadmodum in animalibus [illegible] quia in plantis est occulta et in animalibus est manifesta perfecta [illegible] et completa. ¶ Arbores vero non movent motu voluntario nec progressivo sicut animalia nec movent per appetitum delectationis, et [illegible] sicut animalia [illegible] aut [illegible] aliqui [illegible] Anaxagoras et alii quos [illegible]

Vita itaque vegetativa est in plantis [illegible] fit attractio humoris ad ipsius arboris [illegible] plante nutrimentum et conservationem [illegible] nullatenus habet vita sensitiva [illegible] non dollet quando inciditur nec delectatur [illegible] tur et cibatur nec vigilat vel dormit nec [illegible] vel expirat [illegible] aliis quibus que sunt proprie sensitive nec [illegible] arbor [illegible] [illegible] habet [illegible] seminalem [illegible] quia habet in se producendi [illegible] sibi et sua [illegible] [illegible] quia non habet potentiam per producere in actum nisi ab extrinseco adiuvetur [illegible] ad [illegible] [illegible] indiget vero primo ad [illegible] seminales [illegible] indiget et [illegible] temperato ad eiusdem [illegible] quia [illegible] est [illegible] [illegible] et [illegible] calor [illegible] adversus [illegible] et [illegible] indiget vero sole [illegible] partes ipsius [illegible] [illegible] ut calor [illegible] humoris seminalis [illegible] indiget et terra [illegible] quia ex terra est [illegible] a sole sicut [illegible] ut

Vt [illegible] sol est [illegible] [illegible] in [illegible] [illegible] in arboribus [illegible] [illegible] [illegible] planta [illegible] perfectione [illegible]

[illegible] arbor est [illegible] [illegible] forma [illegible] diversas [illegible] [illegible] [illegible] plante et [illegible] quod planta [illegible] nobilius est omni planta.

¶ [illegible] arbores [illegible] ad plantam [illegible] virtutis et [illegible] ut dicit [illegible] libro [illegible] vegetabilibus [illegible] [illegible] arbores [illegible] humor [illegible] calore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut [illegible] [illegible] arbore ut dicit Ysidorus ¶ [illegible] [illegible] ut dicit [illegible] est [illegible] Ysidorum [illegible] [illegible] et [illegible] [illegible] itaque est [illegible] arboris [illegible] [illegible] ad summum ipsius arboris [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] ... [illegible]
[illegible] ... deliciat [illegible] folia ad [illegible]
[illegible] abstrahit [illegible]
[illegible] pilles [illegible] ad [illegible]
[illegible] rotundum [illegible]
[illegible] figura [illegible]
[illegible] accidit et pp [illegible]
[illegible] ad [illegible]
[illegible] adhuc [illegible] vel
arbore radicant et in radice [illegible]
nodum [illegible] loco [illegible] qua [illegible]
trahit humorem ad totam [illegible] arboris [illegible]
[illegible] Radices vero similes [illegible] in
corpore animalis [illegible] ad [illegible]
[illegible] colligunt. Item arbores [illegible]
quasdam [illegible] superfluitates [illegible]
[illegible]
plante et hec [illegible] in arbore sicut pili et
[illegible] in corpore et [illegible]
[illegible] ab [illegible] pp [illegible]
humoris sicut radices pilli [illegible] corpore animalis
Et hoc accidit [illegible] humor [illegible]
[illegible] sufficiens [illegible]
[illegible]
Et ideo radices [illegible] ab arboribus [illegible]
[illegible] in [illegible] et in [illegible]
[illegible] vel pp [illegible] humoris vel pp
humoris [illegible] et [illegible] compactionem
et soliditatem. Nam arbores que rara et
porosa [illegible] sunt [illegible]
folia [illegible] et [illegible] humor [illegible]
[illegible] liquidus est atque paucus. ¶ Diffe-
runt autem arbores in multitudine [illegible]
et paucitate in magnitudine et par-
vitate in fortitudine et debilitate. [illegible]
causa est humor [illegible]
[illegible] floribus [illegible]
humor [illegible] est ad se diffundendum [illegible]
[illegible] in longum in quibusdam [illegible]
[illegible] insufficiens ad [illegible]

sed adherent [illegible] admodum [illegible] est-
que causa paucitatis et pravitatis in partibus
arborum et herbarum plantarum, [illegible] autem diversi-
tatis non est causa debilitas in plantis et ar-
boribus nisi sicut diminuit vel calor su-
perficialis et imperfectus. Item quibusdam est
arboribus est humor [illegible] et calor et for-
tius et [illegible] in quibusdam est causa fortitudinis
et vigoris. Calidum enim leve est et [illegible]
et penetrativum et ideo talis humor se extendit
et crescit arbor in magna quantitate. ¶ In
partibus arboris attenditur equalitas et si-
militudo per equalitas in quantitate et simi-
litudo in figura causatur. Et habundantia
materie [illegible] equalitatem caloris agentis et
oppositum causa opposita causatur. Et ideo
non attenditur raritas vel spissitudo, et rari-
tas accidit pp insufficientiam caloris ad termi-
nationem humoris. Spissitudo vero accidit
pp insufficientiam ad [illegible] humoris
et eius terminationem. ¶ Item differunt arbores
et plante in modo fructificandi. Nam
quedam ut [illegible] dicit Aristoteles producunt
fructum super folia et hoc accidit pp fortitu-
dinem [illegible] et [illegible] caloris [illegible]
[illegible] humoris [illegible]. Quedam vero sub
foliis et hoc accidit pp debilitatem fructus
ut ab excellenti calore vel frigore corrum-
patur. Et quarundam fructus est suspensus
a stipite suo i. proprio stipite et hoc accidit
pp insufficientiam humoris et insufficientiam
caloris [illegible] ad extremitates [illegible] non va-
lentium. ¶ Item omnis arbor generaliter habet ra-
dicem, que est mediatrix inter corpus terre
et plante et terra, a qua cibatur. Unde et
radix [illegible] plante dicitur [illegible] causa [illegible]
[illegible] plante [illegible]. Item habet stipitem
[illegible] radice [illegible] procedit et hoc fuit ne-
cesse ut dicit Aristoteles pp [illegible] arboris vel
plante [illegible]. Nam [illegible] corporis
animalis omnia membra substentant. Unde
est stabile fundamentum arboris sustinens
ramos [illegible]. Item in duro stipite

sit medianam molem quia ut dicit Ar(istote)les
quidam vocant arbores matricem quia in
ipsa seminarius humor plenior nutritur
sicut fructus in matrice. Quidam autem
vocant arboris castra quidam in ipsa
separare purum ab impuro sicut fit in
animalium intestinis. Quidam vero vocant
causam eo quod ex eo procedit motus vite
vegetabilis sicut vita sensibilis procedit
ex corpore [illegible] [illegible]. Item [illegible]
sit omnis arbor ad suam terminationem
et interiori dispositione ex humore subtili
extracto ad extrinsecus et per calorem acuto et
secato sicut lignum interius ex humore
grosso sicco [illegible] et [illegible] humido
procreatur, ut dicit Ar(istote)les et Albumasar. Item
arborum sicut et plantarum sunt domestice et
ortenses, quedam sunt silvestres arbores
non ortenses si non fuerint culte sunt sil-
vestres ut dicit Ar(istote)les. Et hec [illegible] faciunt
fructum et etiam oleum propter humorem vir-
tuosum et acrem sufficientem, et quedam
non propter talis humoris defectum. Et in qui-
busdam folia cito cadunt propter humorem car-
ne virtuosissimum cito secabilem et in qui-
busdam non propter causam contrariam. ¶ Item sicut est
diversitas arborum et plantarum in magnitudine
et parvitate, sic est diversitas in pulchritu-
dine et diversitate deformitatis. Nam cum accidit
pulchritudo propter qualitatem [illegible] et elegantem
partium et caloris sufficientis [illegible] et extin-
[illegible] in [illegible] et [illegible] figura dis-
positionis deformitas non causat ex contrario
tam in arboribus quam in plantis. ¶ Item diffe-
runt in bonitate fructuum et multa mali-
gnitate et hoc accidit propter maiorem humoris
naturalis dulcedinem vel minorem vel propter calo-
rem magis vel minus correspondentem [illegible] vel
humoris mali debita proportione. Item
manifeste dicit [illegible] Ar(istote)les quod arbores
et plante silvestres magis fructificant
quam ortenses et hoc ut dicit Al. accidit
propter maiorem [illegible] humoris [illegible]

[illegible] diversi [illegible]
[illegible] et in [illegible]
[illegible] fructus ortenses [illegible]
[illegible] quam silvestres ut dicit [illegible]
[illegible] et Al. maioris humoris [illegible]
[illegible] habundantiam que in [illegible]
ortensium pertinet [illegible]. ¶ Item [illegible]
arborum diversitas sicut et plantarum ex [illegible]
[illegible]. Nam quedam in [illegible]
fiunt et [illegible] ille sunt maiores [illegible]
propter [illegible] humoris. Quedam vero in [illegible]
[illegible] fluvialibus et maritimis [illegible]
et tales [illegible] maiores [illegible]
[illegible] maris [illegible]. Non
[illegible] multum [illegible] propter arenam humoris
attracti minimam [illegible]
fallit hoc ut dicit Ar(istote)les ubi arbores sunt
magne et hoc ut dicit Al. accidit propter ha-
bundantiam humoris et caloris. Item [illegible]
[illegible] in foliis et floribus [illegible]
Nam quedam habent folia aspera propter [illegible]
[illegible] et quedam lenia propter
equalitatem [illegible] et proportionem
[illegible] folia etiam [illegible]
[illegible] ut [illegible] quod accidit propter
[illegible]
et inequalitatem caloris [illegible]
[illegible]
[illegible]
[illegible]
transit foliorum ut dicit Al. ¶ Item [illegible]
[illegible] plante in [illegible]
figuratione. Nam quedam [illegible] sunt
piramidales et acute ut [illegible]
[illegible] humoris [illegible]
trahit ad [illegible]
[illegible]
[illegible] radices ut dicit Al. Contra-
[illegible] figure [illegible]
[illegible] ut dicit
Ar(istote)les sunt diverse [illegible]
Non enim sunt omnes angulosi [illegible]
angulares [illegible]

[illegible] potest [illegible] ut circulares [illegible] et in [illegible] [illegible] per quas [illegible] partes [illegible] extenduntur et in medio [illegible] ad [illegible] protenduntur [illegible] [illegible] oriuntur. [illegible] in diversa [illegible] flores [illegible] in arboribus [illegible] ut dicit Al[bertus]. [illegible] a humore frigido [illegible] et [illegible] albescunt ex callido [illegible] et sic de aliis ut dicit Al[bertus]. ¶ Sub tali vero diversa [illegible] humoris et coloris [illegible] et [illegible] ¶ Item dicit Al[bertus] quod tam arbores quam plante in fructu maturantur. Nam quedam maturescunt cito ut dicit Al[bertus] sicut mora et cerasa et [illegible] et hoc accidit ex [illegible] caloris [illegible] ad maturandum et [illegible] et [illegible] [illegible] [illegible] tardius propter [illegible] [illegible] [illegible] et [illegible] caloris [illegible]. Et hoc accidit potissime in arboribus que sunt silvestres. [illegible] et ideo [illegible] quedam arbores [illegible] et quedam [illegible] propter habundantiam aque [illegible] ad arbores sive plantas [illegible] et [illegible] accidit [illegible]

## De arbore aromatica

Arbor aromatica alia habet aromaticitatem in cortice, alia in flore, alia in fructu suo, sicut patet in cinamomo quod est cortex, et in rosa que est flos, et in nuce muscata que est fructus. Est autem causa aromaticitatis ut dicit Al[bertus] fumus terreus subtilis commixtus subtili aqueo, et si [illegible] magis in una parte arboris quam in alia, est una pars magis aromatica quam alia. ¶ Aliqua vero arbor tota est aromatica sicut cinamomum, ut arbor balsami cuius singule partes sunt odoris fragrantia respergentes, ut post dicetur. [illegible] aromaticas [illegible] plantas et arbores quedam [illegible] sunt in [illegible] et [illegible] quedam [illegible] ex commixtione elementorum producuntur. Quedam ex radice vel stipite plantatione multiplicantur et quedam per insertionem surculi [illegible] ut dicit Al[bertus]. Inter omnes arborum insitiones ille sunt magis laudabiles que [illegible] ut dicit Al[bertus] [illegible] quod [illegible] intelligitur vel de plantis similis speciei ut insertio piri in pirum [illegible] vel de aliis que habent humorem proportionalem vel similem [illegible] quod [illegible] [illegible] sit aptus ad alimentum [illegible] sicut [illegible] surculus [illegible] in [illegible] trunco insertus vel [illegible]. Item notabile est quod surculus insitus alieno trunco totam virtutem trunci in suam convertit et transmutat qualitatem. De vero fiat insertio olive super radicem silvestris trunci [illegible] virtus olive [illegible] in radice [illegible] et [illegible] eam et facit eam durare per aliquod tempus et tandem humorem [illegible] ad se trahit et transmutat in suam similitudinem [illegible] ut dicit Al[bertus] super [illegible] libro. Item dicit ibidem [illegible] [illegible] ex semine malo plante bone [illegible] ex bono semine vel ex radice arboris male generis [illegible] qualitatem [illegible] [illegible] ut dicit Al[bertus] quod planta est terre affixa et uniformiter recipit a terra nutrimentum, animalia non sic propter diversitatem generis et etiam propter [illegible] appetitus sive appetibiles voluntates, et ideo aliud est in arboribus, aliud in animalibus.

¶ Item in omni genere arborum sic est quod per culturam [illegible] silvestres convertuntur [illegible] ut ponit Al[bertus] [illegible] exemplum in amigdalo amara per culturam dulce.

dulces efficiuntur sicut malagranata acida mediocria. Dicit etiam quod arbor huius grossi corticis ideo fit sterilis et hoc accidit vel propter apertionem vetustiosi humoris qui est in ea fructuum vel propter duritiem corticis prohibentis vaporem humidum grossum quod in arbore est nocivum. Et dicit ibidem quod si scindatur radix eius et illi fissure lapis imittatur iterum fecunda fit. Cuius ratio est ut dicit Aristoteles quod per illam fissuram fit non congressio vaporum et caloris solis vel aeris crescant introductione cuius virtute fit ipsius humoris corruptivi consumptio. Item sicut dicit ibidem amygdala et malagranata mutantur a malitia per culturam. Et mallagranata stercore porcino fimata et aqua dulci rigata meliorantur. Cuius ratio est ut dicit Aristoteles per caliditatem et siccitatem humiditas superfluitas aquosa recipitur in granata. Sed vel per excessum caliditatis et siccitatis convertantur fructus in amaritudine contemperat apponitur aqua dulcis caloris et siccitatis dominium temperando. Similiter amygdala ut dicit ibidem. Clavis confixa cum grana per multum tempus emittit et aquosam superfluitatem improdeunte generatione humoris virtuosi qui est in fructum et ita per hoc a sua malitia alteratur ut dicit Aristoteles. Item ibidem arbores et plante silvestres per artificium et culturam fiunt domestice fructiferes et fertiles. Ad hoc autem ut silvestris planta fiat fructifera vel alteretur in bonitatem a malitia multum confert locus labor in cultura et maxime tempus anni in quo plantatur. Sicut ibidem dicit Aristoteles et ponit exemplum de balmo i. iusquiamo quod est natum in persia in egyptum est venenosum, si transmutatur et transplantatur in Ierusalem fit comestibile. Et hoc accidit ut dicit Aristoteles propter temperamentum loci ad distemperantiam ad medium reducitur. Item tamen talis transplantationi maxime [illegible] indigent [illegible] plantari plantatur

plures arbores [illegible] temperantia [illegible] [illegible] apertionem [illegible] plantatas in [illegible] propter superabundantiam frigiditatis [illegible] in autumpno propter [illegible] paucissime [illegible] in estate post [illegible] humiditate et hoc propter dictam causam et convenientem quendam naturam in planta propter in radice. In egypto [illegible] anno fit transplantata si quis [illegible] illius fieri tempore ex fluxu Nili ut dicit Alexander et Aristoteles. Item ibidem dicit quod arbores diversimode producunt frondes suas. Nam quedam ex radice, quedam ex stipite, quedam in terra. Quedam in ramis et virgis. Quedam in summitate, quedam in medio. Et causa huius diversitatis in producendo humor radicalis subtilis levis et non viscosus quorum [illegible] est equalis in omnibus sed habundat. Et operatio caloris est diversa et ideo in diversis se distribuit ex illo humore producunt frondes. Similiter quedam fructificant semel in anno et quedam pluries et non maturant fructus ultimos sed cruda remanent et indigesta quod propter [illegible] calor non sufficit ad maturandum. Causa autem fructificandi pluries magis est [illegible] quod semel in anno [illegible] et semel sufficit calor ad [illegible] humoris ad extremitates arboris et [illegible] fructus et [illegible] maturat. Item quedam arbores sunt fertiles et multa [illegible] propter habundantiam [illegible] et humoris [illegible] sicut ficus et quedam [illegible] anni fructifera et alio [illegible]. Cuius ratio est quia [illegible] restauratio [illegible] humoris. Tamen [illegible] in uno anno ad [illegible] fructus [illegible] anno ad humorem restauratum [illegible] multos producunt ramos [illegible] tempus producunt [illegible]. Item quedam arbores est

fructificat in fine [illegible] [illegible] fructificat q
plus [illegible] calore ut [illegible] et in [illegible] q
d[illegible] plus fructificant [illegible]
[illegible] [illegible] videt dicit [illegible] q in fine [illegible]
[illegible] et [illegible] q calor [illegible] possit
digerere et ita [illegible] caloris fit [illegible]
[illegible] ad minorem humorem et [illegible]
[illegible] digestionem caloris et hoc [illegible]
[illegible] [illegible] perfecte fructificat
[illegible] Item dicit [illegible] q rami arbor[um]
[illegible] silvestrium et ortensium diver
sitate differunt [illegible] masculos et feminas
[illegible] arbor masculus est [illegible] durior
et [illegible] et ramosior q femina et fructus
eius brevior et maturabilior et folia de
[illegible] et [illegible]. Cuius causa est ut dicit
Al. q masculae arbores plus habundant
in calore et [illegible] q feminae [illegible]
masculae [illegible] consumunt [illegible]
[illegible] et faciunt arborem [illegible]
[illegible] cuius calores multiplicant humorem
et extendunt in plures partes [illegible]
[illegible] [illegible] humore
[illegible] [illegible]
[illegible] arbores [illegible]
[illegible] [illegible] ad [illegible]
[illegible] plantae [illegible]
in [illegible] et ideo [illegible] breve [illegible]
folia [illegible] femina [illegible] et [illegible]
[illegible] [illegible] [illegible]
et [illegible] [illegible] masculus [illegible]
et hoc [illegible] maiorem calorem in femina [illegible]
[illegible] q in masculo. Item dicit [illegible] q
si folia vel [illegible] foliorum vel cortex ma
sculae palmae foliis [illegible] [illegible]
ut [illegible] citius maturabuntur [illegible]
feminae [illegible] [illegible] foliorum [illegible]
[illegible] [illegible] [illegible] Et
[illegible] ut dicit Al. q masculae pal
mae [illegible] [illegible] calor [illegible]
[illegible] calor eius ad operationem
digestionis [illegible] [illegible] [illegible]

[illegible] [illegible]. Item dicit [illegible] q [illegible]
[illegible] masculus ad feminam q pullulationem
[illegible] prius eius pullulat q femina
[illegible] calorem [illegible] et ita q odorem
q masculus plus odorat q femina propter
maiorem subtilitatem [illegible] absoluta
a masculo et [illegible] a femina. Item dicit [illegible]
q [illegible] odore masculi ad feminam
[illegible] citius [illegible] simul
[illegible] partes [illegible] femine ad ma
turandum [illegible] folia masculae [illegible] fe
minae sunt apposita. Dicit et Al. q folia
palmae masculae [illegible] foliis feminae
ad [illegible], ita q vix potuerunt
sine [illegible] ab invicem separari. Item dicit
[illegible] q ficus silvestres [illegible]
[illegible], qui ex opposito [illegible]
q silvestres sunt calidiores et [illegible]
et ideo [illegible] calorem ortensium et [illegible]
[illegible] humor ficus silvestris [illegible]
[illegible] et dillatat ad radicem ficus ortensis
[illegible] et confortat. Similiter dicit
[illegible] q balaustie i. flos mali
granati olivis confert si in eis plantetur
eo q balaustie habundat in calore [illegible]
[illegible] olivae. ¶ [illegible] de proprietatibus
arborum et plantarum extraxi[illegible] ex verbis
[illegible] in li. p. vegetabilium et in [illegible] Al.
qui [illegible] exposuit et transtulit [illegible]
[illegible] dicit [illegible]. Arbores [illegible]
[illegible] fructum cito desiccantur
et [illegible] arbores q fructificant omni anno
[illegible] [illegible] transit in [illegible]
humor nutrimentalis q deberet nutrire arborem
transit in [illegible]. ¶ Alias propri
etates notabiles et [illegible] tam [illegible]
q arborum et plantarum [illegible] ex
[illegible] et Al. in li. 2. vegetabilium
[illegible] planta [illegible] [illegible]
a terra [illegible] ab aqua [illegible]
ab igne [illegible] et [illegible]

ex aqua etiam et ex igne habet raritatem
et dilatationem ac extensionem et humoris
complexionem ac maturationem, sine enim
calore humiditas aquosa non terminatur
nec finitur, ut patet in secundo metheororum. Nam glacies
non coagulatur nec remanet in esse lapidis
nisi sit aque pars aliqua que continuatur
et terreas partes [illegible] ex aere
et aqua patet et ex igne habet arbor ra-
ritatem et porositatem. Ex aqua habet
augmentum [illegible] possibilitatem quia per quod
corpus solidum est magis ponderosum ut sibi in-
dicat Aristoteles. Et ideo lignum [illegible] et
ponderosum non habet natare in aqua sed
modica particula auri submergitur aut
lapillus, et hoc accidit quia lignum est po-
rosum et ideo per aeris [illegible]
intra poros ad aque superficiem habet
fieri, ligna vero que sunt [illegible] so-
liditatis et compactionis sicut ebenus
et similia in aqua subito petunt fundum
ut dicit Aristoteles ibidem et in quarto metheororum
ubi dicit quod [illegible] nigro [illegible]
et ideo submergitur. Porosa autem [illegible]
sed supernatat quia multam habent aeritatis
[illegible] super aque superficiem elevantur
ut patet in foliis et plumis et in corticibus
[illegible]. Nam ut dicit Aristoteles proprium
est aque sursum aerem elevare et com-
pactum deprimere. Et ideo rara et porosa ae-
ris susceptiva supernatat, porosa vero
et compacta inferiora petit et ad infima
se profundat. Item vapores terrestres
et aquei per calorem coagulati sunt materia
herbarum et plantarum que generantur per calorem
igneum et per virtutem stellarum recipiunt
formas completivas herbarum et plantarum
ad plante nutrimentum [illegible]
et quo ad fructum [illegible]
in [illegible]

[illegible] aqua [illegible]
[illegible] extensionis [illegible]
[illegible] calorem [illegible]
ditate [illegible] calorem [illegible]
loco et convertit in substantiam plante [illegible]
Aristoteles terra motuosa que est [illegible]
[illegible] humoris [illegible]
plante et maturant fructum. [illegible]
attrahit humorem dulcem et [illegible]
[illegible] in [illegible]
quod in [illegible]
humorem in substantiam plante ut dicit Aristoteles.
Item dicit ibidem quod [illegible] frigidus [illegible]
frigidus fugat calorem ad interius terre
et aggregantur [illegible] cum aqueo hu-
mido et per calorem [illegible]
frigido [illegible] vapores [illegible]
[illegible] et in [illegible] plante [illegible]
[illegible] per intensionem caloris [illegible]
[illegible] planta. ¶ Item [illegible]
[illegible] terra [illegible] aqua in fundo aque
coagulatur ut [illegible]
[illegible] illud [illegible]
[illegible] planta [illegible]
in [illegible] que [illegible]
[illegible] in aquis [illegible] super aquam
et hic [illegible]
[illegible] aeris et aque [illegible]
[illegible] terre [illegible]
[illegible] aqua planta [illegible]
[illegible] radices et stipites et [illegible]
in sua [illegible] Aristoteles ibidem [illegible]
loca [illegible] frigida [illegible]
ut in quibus aqua [illegible]
nascitur planta quia calor aque [illegible]
humorem ad superficiem [illegible]
[illegible] et [illegible] terre [illegible]
[illegible] humore aqueo [illegible] calore [illegible]
et [illegible] in plante substantiam coagulatur
[illegible]

Ar[istoteles] planta [illegible] [illegible] minus [illegible]
in loco [illegible] [illegible] [illegible]
[illegible] qualibus habundat [illegible]
[illegible] [illegible] adest et [illegible]
[illegible] ¶ Item in locis [illegible] altis quam ubi est
puritas aeris et habundantia humoris
[illegible] et hoc propter spongiositatem vaporum
[illegible] [illegible] et ideo in montibus
[illegible] magis est fertilitas et [illegible]
[illegible] [illegible] in valle enim deficit [illegible]
[illegible] aer ubi ex [illegible] [illegible]
[illegible] aer et vapor [illegible] [illegible]
est [illegible] humor salsus ut
dicit Ar[istoteles]. Aqua enim salsa gravior est
quam dulcis [illegible] [illegible] [illegible]
[illegible] in aqua dulci statim petit fun-
dum in salsa non [illegible] [illegible]
enim sua et [illegible] [illegible] ponderosior
substantia et ideo aqua dulcis [illegible] [illegible]
[illegible] ad loca alta quam salsa [illegible] propter suam [illegible]
[illegible] subtilitatem et levitatem [illegible]
dicit [illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] planta virtuosam propter
[illegible] transmutationem [illegible] [illegible]
[illegible] [illegible] Ar[istoteles]. Ad hoc quod
durabilis sit planta oportet ut habeat [illegible]
[illegible] humores et virtuosos [illegible] [illegible]
planta [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] propter
[illegible] planta [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] et sic durat
diu [illegible] ¶ Item dicit [illegible] planta quae
generatur in lapide solido et duro [illegible]
[illegible] in lapide [illegible] [illegible] sed quando
[illegible] [illegible] [illegible] propter lapidis solidi-
tatem [illegible] et movetur ad [illegible] lapidis
[illegible] [illegible] [illegible] [illegible] [illegible]
aer attrahit [illegible] humorem [illegible]
qui est in lapide et exit vapor [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
lapidis et [illegible] vapor et humor [illegible] lapide

[illegible] [illegible] planta [illegible] [illegible] [illegible]
solaris [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] humorem [illegible] [illegible]
[illegible] et in [illegible] plante [illegible]
sed non diu durat planta [illegible] [illegible]
[illegible] et dulci aqua [illegible] et tem-
perato aeris [illegible] et hoc propter humoris
paucitatem. Item [illegible] planta si fuerit
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et hoc propter sufficientiam caloris. Tardius
non si fuerit ad [illegible] propter caloris [illegible]
[illegible]. Item [illegible] dicit Ar[istoteles]. ex tempore
[illegible] [illegible] plante [illegible] si
enim nimia fuerit humiditas oppilant-
[illegible] et pori per quos debet nutrimentum
ascendere ad arboris extensionem. Eodem modo
si nimia fuerit siccitas constringuntur por-
[illegible] et sic planta non nutritur. ¶ Item [illegible]
quelibet planta quatuor indiget scilicet semine
terminato [illegible] in sua specie [illegible] et matu-
rato et a putrefactione [illegible] et [illegible]
[illegible] loco et territorio [illegible] plan-
te [illegible] et aqua moderata humore [illegible]
temperato et aere [illegible] [illegible] [illegible]
perato quia ut dicit Ar[istoteles]. si aer fuerit
nimis calidus calor naturalis evaporabit
[illegible] poros si nimis frigidus suffoca-
bit plantam. Prima duo sunt necessaria ad
plante generationem. 2a duo necessaria ad
eius nutrimentum [illegible]. Item [illegible]
[illegible] plante medicinales quae crescunt in
montibus ad [illegible] sunt [illegible] [illegible]
tabiles et ad digerendum fructum habent
duriores et hoc propter [illegible] [illegible]
[illegible] [illegible] caloris [illegible] et humiditatem
Et ideo tales fructus non multum sunt
[illegible] ut dicit [illegible] quia ut dicit
Albumasar [illegible] planta est magis [illegible]
[illegible] [illegible] minus nutrit. Item
[illegible] [illegible] [illegible] [illegible] plantarum
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

est in talibus locis. Causa autem dicitur Ar[istoteles]
Causa eius est ut dicit Al[bertus] quia ille qui est
diuertere sub septentrione habet diem continu[um]
per dimidium annum et reliquum
erit nocturnum. Ille ergo racio existit planta
uel realis in statu suo, non potest propter gene-
racionem caloris in humore, non potest prop-
ter [illegible] Tercio ut dicit Ar[istoteles] planta
ibi generata non habet bonas folia, nec fruc-
tum propter defectum caloris aperientis in ductibus
eius et propter eius superfluitatem in illo loco.
Ar[istoteles] planta multorum spinarum multum
habet de humore vntuoso et ideo mouetur
ille vapor vntuosus per calorem superius
occupantur calore stellarum [illegible] et [illegible]
[illegible] in [illegible] plante quia [illegible]
illam digestionem operatur calor [illegible]
planta cum calore extrinseco [illegible]
et [illegible] planta insita [illegible] et [illegible]
sa sursum dicitur proprium est plante [illegible]
spinose, ut in ea fiat insitio plante uel
alterius speciei. Et hoc ut dicit Al[bertus] quia habet [illegible]
humorem attractum ab exteriori calore
vntuosum, et ita conglutinatum et expel-
[illegible] a calore exteriore in [illegible] locis
ita quod [illegible] eius superior [illegible] expellitur [illegible]
subtilior et penetrabilior, per quam potest ca-
pere multos poros plante et ipsos [illegible]
et ipsam in [illegible] consolidare plante inferiora
Item planta que inseritur planta super [illegible]
[illegible] cui inseritur transmutat in suam speciem
et [illegible]. Causa autem est ut dicit Al[bertus] quia inferior
planta mouet superiorem per humorem et calo-
rem quem ei transmittit. Sed superior humorem
attractum ultra digerit et [illegible]
[illegible] suam, et postea [illegible]
suam inferiorem transmittit et alterat illa
cui insita fuit et [illegible] in suam speciem
et [illegible]. ¶ Item [illegible] [illegible] speciei [illegible] planta [illegible]
dicit Ar[istoteles] [illegible] [illegible] [illegible]
humorem aque [illegible] [illegible]
in [illegible] [illegible] [illegible] plante

que [illegible] [illegible]
[illegible] aqua [illegible]
[illegible] [illegible] fructum [illegible]
[illegible] multiplicatur in [illegible]
[illegible] [illegible] et [illegible]
[illegible] habundans [illegible]
[illegible] aquosum materiam ad folia [illegible]
[illegible] procedit in folia in fructum [illegible]
planta. Item quedam [illegible]
[illegible] fructum et hoc propter defectum [illegible]
humoris [illegible] et habundantia [illegible]
aque [illegible] ad folia que [illegible]
[illegible] ad locum productionis foliorum [illegible]
[illegible] humorum ad productionem [illegible]
Et ideo tardat maturacio [illegible]
[illegible] ad fructum et fit post folia. [illegible]
quedam [illegible] producunt folia cum fructu [illegible]
[illegible] [illegible] habent [illegible] multos et pro-
porcionales et calorem [illegible] extrin-
[illegible] folio [illegible] equale operantur [illegible]
et ut [illegible] in folia [illegible]
in fructum [illegible] [illegible] Item [illegible]
[illegible] [illegible] fructum et folia
esse [illegible] et folia [illegible] fructu
[illegible] ab [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] attrahitur [illegible] et [illegible]
in folia [illegible] est magis [illegible] et [illegible]
[illegible] [illegible] fructus. Item dicit
Ar[istoteles] quod aliqua arbores sunt spinose [illegible]
[illegible] in [illegible] planta [illegible]
[illegible] arboris [illegible] planta [illegible]
quia attrahit [illegible] [illegible]
et [illegible] per illam arborem [illegible] et calor
folii in spinam [illegible]. Et fit in spina forma
piramidalis [illegible] [illegible]
et [illegible] et in parte [illegible]
[illegible] humor [illegible] ad spinam est [illegible]
[illegible] elongatur paulatim a planta [illegible]
[illegible] et diffunditur [illegible]
[illegible] arbores [illegible] piramidales [illegible]
figure. ¶ Item arbores [illegible] [illegible]

[illegible]

... folij in medio dillatat[ur]
[illegible] pp diuinz igneir [illegible]
in [illegible] quodamodo durit et sbtiliat[ur]
et sic in piramidem trasformat[ur]. Item
[illegible] dicit Ar[istote]l[e]s q[uo]d arbores et plante
q[ue]dam faciunt flores pp humore subtile et
puro existent[e] in medulla no[n] tn p[er] o[mn]ia
[illegible] nec digesta s[ed] ultimat[e] fructu[u]m
[illegible] disposita. Tamen ad fructu[u]m
productione[m] q[ua]dam arbores pp nimiam
humoris viscositate[m] no[n] h[abe]nt flores q[uia] ille
humor no[n] pot[est] subtiliarj et pp sua[m] [illegible]
sitate[m] et subtilitate[m] floridam dillatare
ut p[ate]t in ficu q[ue] no[n] h[ab]et flores q[uia] ille
humor no[n] pot[est] subtiliari et pp sua[m] [illegible]
sitate[m] et subtilitate[m] florida[m] dillatari pp
humoris [illegible] q[uia] no[n] pot[est] in flores
[illegible] ut p[ate]t in palma et in
[illegible] ut dicit Ar[istote]l[e]s. Et [illegible] s[ed] [illegible]
[illegible] in qua diuersimode agit calor
diuersi colores in floribus tam herbarum
q[uam] arborum [illegible] s[ed] ista prosequi non
est [illegible]. Et io d[icitu]r [illegible]
pp [illegible] arbitror [illegible]
[illegible]
[illegible]

[illegible] [illegible] [illegible] extendit in alti
tudine et hoc propter extensionem humoris
et impulsum caloris. Nam grossitudo corticis
humorem comprehensum non sinit illum dissolui
nec etiam propter suam densitatem permittit calorem
per poros evaporare ex quo habet necesse se
diffundi et dillatare ut patet in pinu et in
palma et in silicibus ut dicit Avicenna. Item eciam
arbores habentes laterum humorem magnum
habent viscositatem et calorem fortem in radi
ce et ideo resoluunt humorem usque ad extrema
arboris et generant gummi aliquem liquidum aliquem
in exteriori aere suo congelatur. Aliquem eciam
in modum lapidis sicut [illegible] induratur
et hoc accidit aliquando ex suo [illegible] [illegible] aliquando ex cali
ditate [illegible] coquuntur et [illegible] [illegible]
ideo congregantur sicut ibi dicit Al. Item eciam
arbores quedam alterantur secundum tempus alteraciones
quia in estate virescunt et in hyeme non [illegible]
lescunt et tamen folia sua non producunt propter
[illegible] forti enim habent calorem incorporatum
et ideo calor fugit ad interiora arboris et
eciam foliorum a facie frigidi aeris et ideo
ad exteriora palida et glauca fiunt non
tamen cadunt folia propter viscositatem humoris
et intensam fortitudinem caloris. Item eciam
arbores faciunt fructum in principio facient
fructus amaros qui scilicet noviter sunt plantate
et in eorum fructu tamen durat amaritudo vel
ponticitatis sapor scilicet assendens ad amaritudinem
cum vero est post digestio acida est et postea
propter humoris attracti grossiciem et terrestreitatem
et propter digerentis paucitatem et debilitatem et ideo
generatio talium fructuum est preter dulcedinem
quia ipsorum humor crudus remanet et indigestus
sed post confortato calore augmentato [illegible]
[illegible] depurato calor digerens humorem
[illegible] efficit sapidum atque dulcem quia [illegible] [illegible]
[illegible] Avicenna eciam amarum in ignem missum dul
[illegible] et hoc accidit Al. propter illam quam [illegible]
[illegible] a virtute ignis [illegible] [illegible]
[illegible] eciam in locis [illegible] [illegible] atque
[illegible] aliquem [illegible] [illegible] quia calor

[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] ad [illegible] [illegible] [illegible]
[illegible] in dulcedinem [illegible] [illegible]
acida sunt folia [illegible] [illegible]
est [illegible] [illegible] caloris [illegible] [illegible]
in fructu. ¶ Contingit [illegible] aliquando [illegible]
propter [illegible] [illegible] [illegible] [illegible]
fructus prius sunt dulces [illegible] in [illegible]
[illegible] propter [illegible] calorem et [illegible] [illegible]
[illegible] Item eciam in locis temperatis et
[illegible] [illegible] in diebus [illegible] fiunt [illegible]
[illegible] propter celo [illegible] [illegible] [illegible]
[illegible] dispositione [illegible] Item eciam
quedam sunt arbores que primo ferunt dulces
[illegible] [illegible] [illegible] et amara sunt arbores
[illegible] [illegible] [illegible] ut ibi dicit
[illegible] [illegible] [illegible] magna [illegible]
[illegible] [illegible] [illegible] [illegible] ampli
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] Et ideo primi
fructus [illegible] [illegible] [illegible] dulces post
calor [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] calor et humor [illegible] ad locum
fructus [illegible] [illegible] [illegible]
[illegible] [illegible] propter quod alterantur fructus
in [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
a [illegible] et sic [illegible] [illegible] in fructu propter
[illegible] caloris et [illegible] [illegible] propter [illegible]
[illegible] [illegible] [illegible] [illegible] calor [illegible]
[illegible] ad locum fructus [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] fructus
amarus. ¶ In arboribus plantandis et [illegible]
[illegible] [illegible] [illegible] [illegible] que plan
tantur in [illegible] [illegible] vel in [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] fructum
[illegible] [illegible] [illegible] plantatur
arbor [illegible] [illegible] [illegible] arbores que
de terra [illegible] [illegible] [illegible]
a [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] ¶ [illegible]

[illegible] retinaculum [illegible] sicut fetus [illegible] adheret matri ut dicit ysi[dorus] [illegible] est aliud retinaculum predicto [illegible] lassum et attracto [illegible] [illegible] et ideo fructus tunc de facili [illegible] impulsu tunc [illegible] post paulatim humore [illegible] fortius adheret et sic de facili [illegible] in fine fructu maturato et ad debitam quantitatem producto arescit illud retinaculum et putrescit et ideo fructus de facili mouetur [illegible] ad casum. Et quanto arbor profundius figit radicem tanto attrahit plus humoris et sic fructificat plus habundantia foliis fructibus et in ramis. Item arbores superfluis abscisis melius fructificant [illegible] transfert humorem [illegible] [illegible] ¶ [illegible] et [illegible] arbor [illegible] dicta [illegible] sufficiant.

## De amygdala

Amigdalus est arbor [illegible] dicitur amigdalus [illegible] amigdalus [illegible] nomen [illegible] amigdala [illegible] [illegible] amigdala [illegible] fructus in [illegible] ut dicit [illegible] [illegible] arbor [illegible] ysidorus [illegible] libro 17° [illegible] Amigdala [illegible] nomen est que latine [illegible] longe [illegible]

¶ [illegible] cum arboribus per flores [illegible] et ad [illegible] poma arbusta [illegible] ¶ [illegible] amigdalis [illegible] [illegible] antiquis [illegible]

quodam gummi et de amigdalis humor [illegible] medulla que intra est ipsius fructus [illegible] eo plus fructificant amigdale [illegible] quam sunt antique quam nouelle. Duplex autem fructus fert amigdalus s. dulcis et amarus ut dicitur in plateario. Dulcis amigdala [illegible] sunt ad cibum, amare ad medicinam [illegible] cum [illegible] amigdala ut dicit dyas. quod si [illegible] cum suo foliculo [illegible] prodest [illegible] capud grauat [illegible] [illegible] attrudit. Item [illegible] resistit. Item dicit idem quod si uulpes comederet amigdala moritur [illegible] quod medicinale est homini [illegible] altri [illegible] et [illegible] tota fere arbor amigdalarum [illegible] medicinalis. Nam radix eius [illegible] decocta et trita maculas [illegible] tollit et purgat [illegible] dolo[rem] [illegible] mitigat. Vulnera [illegible] melle mondificat atque sanat. Cortex et folia sunt purgatiua et extenuatiua et sanatiua. Oleum etiam de amigdalis [illegible] et lombricos in dentibus necat, menstrua prouocat et purgat. Contra surditatem [illegible] iuuat et aurium sanie mondat et desiccat si tepidum auri instilletur ut dicit dyas. Item flores eius decocti in oleo [illegible] et litargicos excitant. [illegible] mellis trita [illegible] obuiant et [illegible] sanat. Gummi quod de amigdalis exsudat [illegible] potionis sanguis [illegible] iuuat. Et sic patet quod pars [illegible] nihil est in amigdalo quod non conueniat medicine ut dicit dyascorides.

## De abiete

Abies nomen est arboris sic dicte ab eundo eo quod pre ceteris arboribus longe [illegible] et in altum altius se extendit [illegible] est ut dicit ysy. libro 17° quod [illegible] [illegible] helas.

Atque levis. Et alia causa dicitur abiectum [illegible] vel aliqui quae a Aloe operantur ut dicit ysy[dorus]. Cum in de [illegible] amigdalus est arbor in altum se extendens plurimum propter caliditatem in se et sub[tilitatem] humoris. Et ideo calor eius naturalis a calore solis confortatus [illegible] humorem faciliter elevat et sursum mittit et sic in arbore [illegible] partes ipsam arborem altam faciunt. ¶ Et est arbor [illegible] partes vel [illegible] tortuositatem et hoc propter [illegible] caloris et resistentiam humoris operantium caloris obedientis et inequalitatem humoris. Et ideo [illegible] aliqua tortuositate elevatur. Quibus dicit aloes generatur ex humore levi subtili [illegible] humoris superfluitatem [illegible] ad eius superficiem, sed unde lignum et cortex et folium a calore exteriori [illegible] et in [illegible] odorifice transmutatur propter [illegible] sicciditatem [illegible] lignum incorporata aloes igni apposita faciliter inflammatur [illegible] insuper [illegible] aloes aromatic[um] et maxime propter suam [illegible] altitudinem et formam pyramidalem [illegible] utiliter adaptatur.

De Aloe

Aloes est arbor aromatica quae in India [illegible] dicitur paparas [illegible]. Et est arbor odoris suavissimi, et fumus eius [illegible] vice timiamatis altaribus adoletur. Unde et nomen transisse creditur. ¶ De ligno autem Aloes dicitur in plateario. Aloes est lignum [illegible] et [illegible] quod invenitur in magno flumine babilonie, cui iungitur flumen paradisi. Unde a pluribus creditur quod predictum lignum inter paradisi arbores oriatur et [illegible] aliquo vel impulsu de paradiso ad flumen Indie deducitur. ¶ Habitantes autem iuxta flumen missis [illegible] in flumine [illegible] et reservant usui medicine. [illegible] est multum medicinale. Est [illegible] lignum Aloes [illegible] ut dicit Const[antinus] [illegible] et est idem [illegible] est valde ponderosum et [illegible] nodosum

est valde aromaticum [illegible] et [illegible] et stringit [illegible] tum [illegible] consistens [illegible] masticatum [illegible] aloe aromaticum [illegible] ¶ [illegible] est minus ponderosum [illegible] masticatum nec amarum. ¶ [illegible] valde leve nec est aliquod [illegible] aloes nisi sit aliud [illegible] lignum Aloes [illegible] quoddam ligno simile in ponderositate et nodositate [illegible] aromaticum [illegible] a quibusdam lignum Aloes [illegible] hoc lignum [illegible] et color [illegible] superfluitatem [illegible] et fiat [illegible] et ponitur in decoctione optime. Aloes [illegible] et fiat valde aromaticum [illegible] ab optimo [illegible] est et [illegible] omnino [illegible] amarum [illegible] ¶ Aloes stomacum confortat [illegible] et cardiaca passione [illegible] contra [illegible] et [illegible] lignum multum [illegible] aqua rosacea [illegible] potest diu [illegible] a ligno multum [illegible] eius fumus [illegible] et debilitatem [illegible] Laude eius [illegible] et [illegible] [illegible] plantarius

De Aloe

Aloe etiam dicitur [illegible] herba Aloen appellatur [illegible] herba in India et in Persia et [illegible] [illegible] et ad.

[illegible] ... sole exponitur ... ut dicit Platearius

De arundine

Arundo ut dicit ysyd. ... arundo ... dicta ... quod cito crescat in paludibus ... [illegible] ... arundo ... [illegible]

Aloe ... tria genera ... cicotrinum epaticum et caballinum ut dicit Platearius ... [illegible]

[illegible]

aquis ex natura sua amar ... amar est utile et salutiferum nam flegma ... et malum mundificat atque purgat membra ... confortat ... capitis dolorem ... stomachi ... splenem et epar ... corpore ... bonum colorem generat ... ydropicos ... pulvis ... vulneribus datus ... capillorum ... oculorum ... ulcera sanat putredinem ... mundat ... mundificat et desiccat. Amar est ... dulce stomacho ... stomachum ... confortat digestionem adiuvat et provocat ... ut dicit Dyascorides Platearius et Auicenna
recepta

De arundine

Arundo est medium inter herbam et arborem herba quidem robustior sed arbore est fragilior ... plana et odorifera et ... nodosa et levis in paludibus ... crescit ... ut dicit ysy.

De amomo

Amomum est herba odoratissima ut dicit dyas. et est coloris ... folia ... ad modum viole floris albi. Amomum est vocatum eo quod ... odorem ... et nascitur in syria et armenia ... reddit ... florem ... viole et folia ... sumpto ... quedam est armenica et illud altius

est nobilius et plenum granis [illegible] odoris
optimi et virtutis maioris. Aliud alio vilius
quod crescit in locis aquosis et est
leve tamen sapore [illegible]
[illegible] vocatur ponticum [illegible]
est dictum [illegible] quod est [illegible]
[illegible] florem super [illegible] purpure-
as expansum maxime odoriferum et po-
derosum quod masticatum quodam acumine
mordet linguam. Huius color non va-
rium nec diversum ut dicit Avicenna
et Dyas. Et habet autem omne amomum [illegible]
[illegible] virtutes [illegible]
ictibus scorpionum occurrit [illegible] decoctio
in aqua oculos [illegible] et a suis dolo-
ribus [illegible] habet etiam virtutem dolorum
[illegible] sedandi et ventositatem [illegible]
et [illegible] provocat. Cuius decoctio [illegible]
habet virtutem [illegible] subveniendi [illegible]
[illegible] et etiam podagricis [illegible]
[illegible] In omnibus sicut generaliter nobilibus an-
tidotis [illegible] receptionibus et medicinis solet
amomum [illegible] adhiberi [illegible]
multi [illegible] herbam amomum [illegible]
[illegible] in colore [illegible] in odore et in
virtute [illegible] apponere [illegible]
sicut dicit Avicenna.

De aneto

Anetum est herba cuius semen consimile ci-
mino est notum. [illegible] semen
[illegible] radix [illegible]
[illegible] ipsa herba. Cuius semen potest ser-
vari per triennium in magna efficacia
ut dicit Dyas. Melius tamen est ut sin-
gulis annis renovetur. [illegible] ad nu-
[illegible] est [illegible]
[illegible] ut dicit [illegible] virtutem habet [illegible]
[illegible] Et [illegible]
[illegible] ventositatis et inflationis [illegible]
[illegible]
[illegible] virtutem habet [illegible]

fortius [illegible] et [illegible]
[illegible] aperitiva [illegible]
[illegible]
[illegible]
[illegible] et [illegible]
[illegible]
[illegible] apponatur [illegible] flos [illegible]
[illegible] doloris capitis [illegible] sufficit [illegible]
[illegible] Cuius [illegible]
[illegible] appositum [illegible]
[illegible] oleo [illegible]
[illegible] multis etiam aliis pas-
sionibus subvenit.

De aniso

Anisum passionibus fere similibus adap-
tatur [illegible] habet virtutes quas et ane-
tum [illegible] et cuius
semen magis minutum est et rotundum
[illegible] ut
dicit [illegible] Platearius. Virtutem habet [illegible]
[illegible] ventositatem destruendi [illegible]
[illegible]
[illegible] provocat [illegible]
et [illegible]
[illegible] semen
[illegible] est [illegible] virtute
et plurimum [illegible]

De alio

Alium ab olendo est dictum eo quod oleat
ut dicit Ysidorus libro 17. Cuius odor est
tam fortis [illegible] odores [illegible] super-
[illegible] et fortiores. Et ideo [illegible]
[illegible] fetida [illegible]
[illegible] fortissimus se [illegible]
[illegible] Dyas. [illegible] virtutes [illegible]
tam bonas quam malas [illegible]
[illegible] ut dicit [illegible]
[illegible] et [illegible]
[illegible] et [illegible]
[illegible] corpus [illegible]
[illegible] corpus

[illegible] et [illegible] quae [illegible] et [illegible] sic [illegible] bene et [illegible] et ideo [illegible] nec [illegible] rubeat [illegible] et [illegible] et [illegible] planta [illegible] [illegible] est [illegible] eius granis [illegible] et [illegible] quod [illegible] eius flos debet recolligi et [illegible] [illegible] cum opus [illegible] [illegible] solet [illegible] operi. Aleu [illegible] capitibus maxime [illegible] in [illegible] multiplici efficatia [illegible]. [illegible] pue hic [illegible] dissoluit consumit et expellendo venenum et omne venenosum [illegible] non [illegible] ab antiquis auctoribus [illegible] [illegible] ut dicit [illegible] maxime [illegible] valet contra venenum et morsum [illegible] si cum sale et [illegible] [illegible] hoc [illegible] simul [illegible] et ad [illegible] magne [illegible] et hoc [illegible] [illegible] [illegible] apponatur [illegible] et venenum extrahit [illegible] et a periculo liberat [illegible]. ¶ Item aleu [illegible] [illegible] et [illegible] valet [illegible] et [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] et [illegible] [illegible] et [illegible] si [illegible] et [illegible] mente et [illegible] [illegible] ¶ Dolorem [illegible] et [illegible] aleu mitigat et [illegible] [illegible] oleo [illegible] dolores [illegible] emplastri apponatur. Valet etiam contra morphe[illegible] [illegible] ubi est [illegible] [illegible] et post cum [illegible] et [illegible] ¶ Contra [illegible] valet si [illegible] [illegible] oleo apponatur [illegible] dicit [illegible] ydropicis [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] et [illegible] et [illegible] apponatur.

¶ Comesta etiam aleu [illegible] aqua [illegible] omnem dolorem [illegible] et tumorem tollit. Cauendum tamen est ne [illegible] in cibum assumatur quia multum nocet oculis. [illegible] Aleu [illegible] pulueris [illegible] [illegible] nocet oculis et [illegible] [illegible] aut in hoc planta [illegible] Aleu [illegible] [illegible] [illegible] lilio et [illegible] ille in [illegible] positione capitis et tunicarum [illegible]. Et hic [illegible] [illegible] tunicis [illegible] et in granis suis [illegible] in summitate haste sue. Et [illegible] posita in terram producunt plantam [illegible] et eius semen et tunicas multas et folia piramidalia et hasta [illegible] et porrecta. ¶ Aleum [illegible] sicut lilium primo facit semen stipitis sui in [illegible] et in grana [illegible] [illegible] grana sua [illegible] [illegible] proprius eiicit [illegible] et sicut aleu radices capillares sicut lilium et sicut [illegible] et [illegible] in hoc differunt radices aleui a lilio quia non ramificantur in aleo sicut ramificantur in lilio et sicut aleum renouat folia sua ita renouat radices et semel tantum emittit semen scilicet in [illegible] anno postquam seminatur. Ideo autem hic aleu tunicas plures et ramosas ut ille tunice sint [illegible] et [illegible] [illegible] radicibus et suis foliis et stipiti eius quia propter [illegible] [illegible] foliis et stipite [illegible] et [illegible] tunice eius in terra. [illegible] in [illegible] [illegible] in hoc autem aleum a [illegible] differt quia quelibet aleu tunica carnosa si plantatur tota in terra emittit plantam et hoc accidit quia in suis tunicellis est [illegible] seminatiua sicut in carnosis partibus aliorum. Non sic autem fit de [illegible] non enim de qualibet parte eius plantata [illegible] planta sed de toto capite [illegible] plantata emittit plantam quia virtus seminatiua non est in qualibet parte [illegible] sed in toto. In hoc etiam differt aleum a lilio quod partes eius carnosae quum plantantur emittunt folia sua et grana [illegible] [illegible] tunicelle

lily emittit ab uno latere suo nix et sed in medio. hucusque dixit sed in libro de plantis secundum novam translationem.

## De absinthio

Absinthium est herba acerrima radice fera vehementer stiptica et amara et dicit dyascorides. Cuius sunt duo genera unum est ponticum habens colorem viridem et saporem ponticum et amarum. Aliud est subalbidum et minus amarum et est minoris effectus quod primum in fine veris colligitur in umbra desiccatur et per annum in magna efficacia conservatur. Dicitur autem grecos habere virtutes sicut dicit platearius scilicet laxativam et constrictivam. Constrictivam habet ex grossitie substantie et ponticitate. Laxativam vero habet ex caliditate et amaritudine. Unde quanto recentius fuerit tanto magis laxat. Si diu servetur magis consumit substantie et grossitiem reddit magis constrictionem et sic est causa maioris constrictionis. Materia vero existente ab hepate digesta caliditate dissolvit et ponticitate sua reprimit ut expellat illa. ¶ Oxizacra cum absinthio factus epati subvenit et stomacum confortat appetitum mutat ebrietati obviat et repugnat interiora curat et dolorem ventris alterat et immutat. Succus eius cum pulvere cocti splenis compillat dolorem stomachi et intestinorum ex ventositate provenientem solvit et mitigat. Succus eius auribus instillatus humiditatem ab eis destillantem desiccat. Cum felle thauri tritum absinthium et auribus iniectum dissolvit tonitrum et auditum roborat et vivificat. Dolorem capitis ex frigiditate stomachi provenientem curat et sedat tumorem et dolorem ex percussione cum pulvere cimini et melle amputat. Et per modum cataplasmi ponatur. Lombricos et etiam vermes aurium succus eius necat si instilletur. Succus eius potatus visum clarificat et oculis impositus ruborem et pannum curat. Si vestimentis infundatur lombricos et pannos a vermibus et muribus

tutos servat si ingeritur in cistula reponantur ut dicit macer. Item morsibus mugele et draconis obviat et sanat si bibatur. Item eius decoctio ventositatem [illegible] inflationem sedat cum potatur ut [illegible]. ¶ Preter has virtutes quasdam habet conditiones et proprietates minus laudabiles. Nam saporis amaritudine et ponticitate inficit et gustum [illegible] odoris horribilitate ledit olfactum. In amaritudine reddit lac et domum et omne dulce cui admixtum fuerit seu adiunctum. Ideo apes que frequentant flores absinthii faciunt mel amarum ut dicit dyascorides. ¶ De absinthio dicit plinius libro 16. Non est iniuste dandum febricitantibus. Nauseas maris atque capillos denigrat si cum stercore [illegible] potentiam cum stomachum [illegible] olfactum mixto sub capite vestes [illegible] vestibus mixtum tineas arcet atque capillos denigrat [illegible] factum de illo fumo et oleo rosaceo.

## De apio

Apium est herba cuius flos vocatur et sic vocatur ut dicit ysidorus libro 17. quia apices capitis triumphantium quondam fuit coronamentum. Hercules enim primus hac herba caput composuit cum radice efficacius purgat contra pisciculas venenum ut dicit ysidorus. Cuius multa sunt species ut dicitur ibidem scilicet petrosilinum sic dictum eo quod apio in folio sit similis. Alterum eius genus dicitur apium crescit autem in longitudinem pedibus quinque. Et in latino petrosillum a petra dictum apium vocatur ut dicit ysidorus. Sunt etiam alie maneries apii ut dicit dyascorides scilicet apium ranarum apium risus et apium emoroydarum. Apium ranarum dicitur eo quod in locis aquosis ubi sunt rane solet inveniri. Quod decoctum cum vino et oleo bene tritum ac cum cataplasmati dolori renum opitulatur. Apium risus dicitur ab effectu eo quod purgat malum colerie humorem ex cuius superhabundantia fit tristitia. Dicitur autem quidam quod vetus corruptum in magna quantitate homines ridendo interficit et omnibus [illegible] valet autem contra calculum et stranguria

... menstrua prouocat ... decoctio huius in aqua uel in uino et ... fomentatur ... cum ... eius ... est decoctio ... per pulueres ... suppositum ... disterat ... et ... solidat et contra opillationem ... calculum frangit ... soluit ... [illegible] ... Et cum succo ... aliquo ... mixto et aceto caput ... fumigat. Radix eius ... morsibus uenenatis succurrit et ... resistit ut dicit dyas. ... omnes ... que dissoluit et mouet ... et ... mouet ad ... contra ... [illegible] ... et ... debilitatis ac ... et ... calidum ... Et ideo lactantes ... abstineant ... ut dicit dyas. et platearius.

## De aristologia

Aristologia est herba ... medicinal... cuius due sunt species s. longa et rotunda et utraque est calida et sicca et est radix magis medicinalis quam folia. Ita auicenna dicit ... et ... per ... dissoluendi et consumendi et expellendi ... bonum ... Item ... cuius opillationes aperit ... dolorem et latus ... ac sedat podagram ac ... contra morsus uenenosos ... puluis eius cum ... Puluis ... mortuam ... remouet et ... positus in fistulis et plagis fetum mortuum de utero expellit radix eius si cum uino decoquatur. ... dyas. Et aristologia dicitur ... ut ysy. li. 17. quod mulieribus ... optima sit. Nam potata cum pipere et uino ... parturientium mundificat et matricem expurgat prouocat menstrua atque purgat.

## De agno casto

Agnus castus dicitur quedam herba ... et sicca ... ut dicit plinius ... in ... castitatem ... et mulieres ... ut ... mortuo ... ueniunt ... contra ... Hec herba ... et ... et eius flos potissime agnus castus nuncupatur quia ... et ... platearius dicit ... spiritus ... et ... castitatem dicit et auctor ... quod eius decoctio ualet contra ... fantasiam ... frigidam ydropisim ... albam si cum semine feniculi et modica ... decoquatur in aqua salsa et inde posterior pars capitis fortiter abluatur.

## De arthemisia

Arthemisia est mater herbarum dicta que olim a gentilibus fuit dyane consecrata et que arthemis dicitur ut dicit ysy. li. 17. Est autem herba calida et sicca, cuius radices et folia competunt medicine. Ualet autem maxime contra sterilitatem que ex causa humida procreatur ... causis autem calidis et siccis non ualent ut dicit dyas. menstrua prouocat maturam ... et ... dolorem capitis, decocta in uino uel in aqua mittigat atque sedat ... et fetus mortuos ... calculos renum et uesice frangit. Demonia fugat ... et malis medicamentis obuiat ... cum asungia dolorem ... ex ... mittigat. Cuius sunt plures species quas ... dicitur dyana ... et mortalibus tradidisse ut dicit plinius et dyas. Alias eius uirtutes ... 

## De auena

Auena est herba cuius semen ... Auena ... ysy. sic dicta ... auenat atque ... ut dicit ... platearius ... uirtutem ... relaxatiue

et contra omnium tumorum [illegible] [illegible] frigidos et [illegible] imbecillitates [illegible] et [illegible] [illegible] et platearius.

## De balsamo

Balsamum ut dicit ysidorus libro 17° est arbor sive frutex cuius cortex ultra quantitatem duorum cubitorum non est vitis similis foliis autem rute, sed albidioribus semperque virentibus. Cuius lignum dicitur xilobalsamum, fructus sive semen carpobalsamum, succus opobalsamum nuncupatur, eo quod fractis ungulis cortice ligni percutiatur, et per cortices vulnera que per cavernas gutte exeunt opobalsamum effluunt et distillant. Cautela [illegible] [illegible] [illegible] opobalsami cuius gutta adulterata admixta oleo cyprio sive melle, sed cognoscitur si purum stratum cum melle si gutta lactis instillata fuerit coagulata. Cum oleo vero si aqua admixta facile fuerit dissoluta quia oleum natat super aquam. Si vero non fuerit sophisticatum statim in aqua [illegible] [illegible] [illegible] vestem etiam nudam quam tangit non maculat neque polluit. Balsamum [illegible] si purum fuerit tanta vim habet ut si sol excanduit [illegible] sustineri in manu non possit. Hec usque ysidorus. Plinius autem libro 12° capitulo 27° sic dicit omnibus odoribus prefertur balsamum cum terra [illegible] Judee concessum quondam in duobus [illegible] nascebatur in duobus regis ortis quorum maior xx iugerum erat. Sed post dominantibus romanis vinea balsami per multos colles propagata est. Viti quidem similior est [illegible] et modo [illegible] sicut vitis [illegible] colles. [illegible] [illegible] [illegible] ramis [illegible] se sustentat. Procerior [illegible] eius altitudo intra binos cubitos subsistit. Caulis est autem [illegible] [illegible] [illegible] ligni cum ferro ledatur et [illegible] [illegible] est [illegible] vitra [illegible] leditur [illegible] qui lesso ligno [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]



[illegible] [illegible] [illegible] [illegible] [illegible] est in ligno [illegible] [illegible] [illegible] [illegible] odoratissimum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et fructus [illegible] [illegible] [illegible] [illegible] [illegible] Plinius libro 12° [illegible] [illegible] autem dicit quod est planta cuius balsamum [illegible] [illegible] circa babiloniam [illegible] [illegible] [illegible] fontibus [illegible] autem alias [illegible] [illegible] [illegible] [illegible] [illegible] In tempore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] gutte instillantes colligunt [illegible] [illegible] gutta ponatur in palmo [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] incorrupta [illegible] [illegible] [illegible] dissolvit [illegible] consumit ut dicitur in platearius [illegible] [illegible] et educit fetum mortuum et [illegible] [illegible] [illegible] [illegible] et educit lapidem in [illegible] et [illegible] [illegible] [illegible] passione solvit [illegible] [illegible] [illegible] passiones tollit si [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] has et multas alias nobiles virtutes habet quas enarrare est longum [illegible] [illegible] [illegible] [illegible] [illegible]

## De bdellio

Bdellium ut dicit plinius libro 12° capitulo [illegible] est nominatissima arbor [illegible] [illegible] [illegible] oliue in foliis et in robore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] amara [illegible] odorifera [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lapis [illegible] nascitur ut dicit [illegible] in partibus orientis et in arabia et judea et caldea [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] arabica [illegible] [illegible] [illegible] [illegible]

[illegible] pinguis [illegible] [illegible] et que [illegible]
[illegible] est amara boni odoris ligno
[illegible] non mixta [illegible] non [illegible]
[illegible] et adulterat [illegible] [illegible]
[illegible] ita ante [illegible] gustu [illegible]
[illegible] gusta glutinossam habet [illegible] con
[illegible] et attractiua est ideo [illegible] dyasc.
[illegible] repugnat [illegible] facte
ex [illegible] ma et [illegible] patientibus [illegible]
ex fortissima [illegible] et medicina [illegible]
[illegible] laxatiua. Vallet etiam contra apostemata
interiora et exteriora si inde fuerint
[illegible] calculum rumpit [illegible]
[illegible] reptilium [illegible]
dolorem [illegible] ut dicit plat. [illegible]
et in partibus inferioribus rumpis maxime
proficit ad interiorum [illegible] [illegible]
[illegible] concordat [illegible] quodam [illegible]
esse [illegible] arboris cuiusdam [illegible]
conglutinandi clarificandi et [illegible]
[illegible] pictores maxime [illegible]
[illegible] quidem [illegible] [illegible]
[illegible] et [illegible] gradu [illegible]
[illegible] ut [illegible] in [illegible]

De buxo

Buxus ut dicit ysid. li. 17.o grecum nomen
est sed ex parte a latinis est corruptum
nam pixos apud eos appellatur arbor semper
virens que leuitate materie literarum forman
dis apicibus est apta. Nam tabula buxea
bene polita colorem recipit album in quo
et facile et figure literarum et caractere
inscribuntur et et facile etiam post delentur
Et dicit [illegible] ysydorus [illegible] buxus pro tota ar
bore et hoc buxum pro [illegible] ligno
[illegible] dicit quidam [illegible] buxus [illegible] hoc
buxum [illegible] [illegible] Est autem arbor [illegible]
solid[illegible] et [illegible] cum humor [illegible]
[illegible] est [illegible] et [illegible] ut dicit Al.
in li. vegetabilium. Et ideo lignum habet [illegible]
et ponderositatem [illegible] ut [illegible]
[illegible] Ebrum et hoc propter [illegible]
[illegible] poros aptos ubi possit intrare aer
per cuius subintrationem posset [illegible]
[illegible] ut [illegible] Al. et ideo habet folia
diu virentia que et [illegible] non cadunt [illegible]
paulatim et non cadit [illegible] aliud mox [illegible]
[illegible] quidem habet folia minima [illegible]
modicum habet [illegible] [illegible] Arboris buxi
rasura [illegible] et [illegible] in aqua
pluuiali [illegible] flauum ut dicit dyasc.
[illegible] etiam et [illegible] si in eius [illegible]
[illegible] [illegible] ab[illegible]. Sapor si gustetur est
amarus ut dicit plinius li. 10.o ca. 17.o et odor
[illegible] [illegible] grauat sapor gustum
[illegible] [illegible] humore [illegible] delectat
[illegible] [illegible] tempore conseruat [illegible]
et [illegible] in estate et [illegible] [illegible] folia
[illegible] et non cadit sicut dicit Al. [illegible]
[illegible] est [illegible] habet [illegible] humorem [illegible]
in radice non multum [illegible] [illegible] et ideo
non cadit folia. [illegible] aduenientem calorem pro
[illegible] humor ad exteriora [illegible] calore
fit viridis [illegible] aduenienti [illegible] [illegible]
humor et habundat siccitas [illegible] fit calor
palidus [illegible] glaucus. Crescit autem buxus
in locis siccis et petrosis et ideo multum habet du
ritiem est et nodose soliditatis lignum [illegible]
[illegible] leue est et ad planandum aptum
[illegible] [illegible] et figuras in eo factas diu
[illegible]. Et ideo ymagines pulchre et dura
biles [illegible] [illegible] et ex buxo pixides
habiles ad [illegible] et aliorum aromatum
conseruandum. Ad multos et alios usus [illegible]
enumerare longum esset valeret [illegible] sed
hec sufficiat [illegible].

De baulastia

Baulastia est flos caducus malignat[illegible]
est [illegible] arbor que producit flores et
[illegible] quadam tuberositate [illegible] glutinantes et
ab arbore [illegible] cadunt [illegible] a medicis [illegible]
[illegible] usui medici[illegible] et possunt [illegible] per [illegible]

sunt magna efficacia ut dicit dyas. Est autem
balsamus calida et sicca, et habet virtutem con-
stringendi et desiccandi superfluos humores et co-
[illegible] [illegible] et sanguinis
fluxum menstrualem. Item virtutem habet con-
stringendi venas [illegible] si directa in
aceto cum spongia super furculam pectoris
apponatur. Item pulvis eius vulnera con-
solidat, gingivas sanat et [illegible] putre-
dinem amputat et emendat et radices
dentium consolidat et confirmat. Decoctio
eius sanat labiorum [illegible] ut dicit [illegible]
Et cortex arboris [illegible] proprie fructus
sive pomum et arbor [illegible] [illegible]
est maturum.

De bleta sive sicla

Bleta est herba nota et [illegible] cuius
secundum dyas. duplex est species scilicet alba et nigra
et utriusque succus naribus instillatus caput
purgat, aurium dolorem mitigat [illegible]
et alias incommoditates capitis et faciei ma-
culas emendat, capillos reparat et [illegible]
folium eius tusum et appositum ignem sacrum
extinguit, [illegible] etiam vulnera [illegible]
malos humores nutrit si nimis sepe
in usu habeatur ut dicit dyas. Et bleta di-
citur quia super eius radicem sicut et super caulem
potest plantari surculus qui tandem corro-
borata radice in arborem transmutatur ut
patet [illegible] plantarum.

De cedro

Cedrus est arbor quam greci cedron
vocant quasi [illegible] [illegible]
arboris [illegible] cuius folia ad ipsius
similitudinem resplendet ut dicit ysi. li. [illegible]
post [illegible]. Cedrus est lignum [illegible] odo-
ris et diu durans et numquam a tinea vel
carie [illegible] liquore [illegible] exterminatur
[illegible] propter eius durabilitatem [illegible]
cedris fuit laquearia in regis palatiis
et in templis. huius arboris [illegible]

lachrima [illegible] [illegible]
[illegible] est [illegible] [illegible] [illegible]
[illegible] a [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] et maxime in [illegible] [illegible]
[illegible] cedrus arbor altissima cuius [illegible]
[illegible] et [illegible] ut dicit rabanus super [illegible]
Est etiam aspectu pulcherrima [illegible]
[illegible] Est insuper [illegible] odorifera
cuius odor fugat serpentes et [illegible]
ut dicit idem. Est etiam in fructu [illegible]
poma eius cedrina sunt magna [illegible]
[illegible] sunt [illegible] coloris [illegible] odoris [illegible]
[illegible] saporis. [illegible] et [illegible]
[illegible] [illegible] sunt poma cedrina
[illegible] [illegible] sunt [illegible]
[illegible] sive [illegible] sunt [illegible]
et [illegible] sive [illegible]. Est etiam cedrus
multe efficacie et virtutis et valet medi-
cinalis. Et eius lachrima [illegible]
[illegible] [illegible] sunt [illegible]
[illegible] [illegible] [illegible] et [illegible]
[illegible] et [illegible] ut dicit dyas. [illegible]
[illegible] [illegible] aurium [illegible]
dolorem [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] sedat vulnera [illegible]
[illegible] [illegible] [illegible]
[illegible] etiam corpora mortuorum [illegible] posita
ligno cedrino et eius lachrima [illegible]
[illegible] [illegible] et putrefactione
defendit [illegible] etiam cedri [illegible] sedat
menstrua provocat [illegible]
et maturum purgat. [illegible] spasma-
ticos et [illegible] et [illegible]
[illegible] et [illegible] et [illegible]
[illegible] [illegible] alias [illegible]
ponit dyas. Et cedro [illegible]
[illegible] [illegible] [illegible]
[illegible] et [illegible] arbor [illegible]
[illegible] [illegible] a [illegible] [illegible]
[illegible] [illegible] cedria [illegible]

[illegible] appellatur ... [illegible]
[illegible] nitat stqui et
[illegible] [illegible] ut dicit ysy. li. 17. [illegible]
[illegible] arboris pomi ut dicit plinius
[illegible] nostis / et est arbor ut dicit
ysi [illegible] omni tempore fere est plena pomis
que in parte matura / parum sunt acer
ba et nunc sunt in flore est porta quod in
aliis arboribus raro est / hec arborum
[illegible] ut dicit [illegible].

De cypresso

Cypressus grece dicitur cyparisos ut dicit
ysy. li. 17. quia caput eius a rotunditate
in acumen erigit / unde conon i. alta ro
tunditas nuncupatur / cuius fructus talis est dis
positionis / et ideo conus appellatur quod g[r]o
[illegible] / unde ex cypressi conis fore dicit. huius
lignum [illegible] proxima prime cedro
aptum quia trabibus et templorum / sua vero [illegible]
mutabili soliditate omnia [illegible] cedit sed
semper in forma permanet firmiter. Gra
vissimi est odoris / Et ideo antiqui sole
bant rogum facere de ramis eius / ut odore
suo fetidam fetiditatem reprimeret fetorem
cadaverum mortuorum / [illegible] ysydorus

Est autem cypressus arbor talia in [illegible]
et sicca in 2°. Cuius poma lignum et
folia recipiuntur medicine ut dicit plat.
Semen eius stipticum et consolidativum et co
dallent contra fluxum ventris et debili
tatem virtutis retentive / si ipsorum pulvis
in cibis vel potibus assumatur / vel contra
[illegible] passionum et dolorem [illegible]
si cum aqua pluviali decoquatur / et fiat bi
num [illegible] ¶ Cypressi folia recentia
vulnera purgant / sanguinem [illegible] naris po
lipossos mundant et fetorem amputant / Flu
xum sanguinis sedat / Semen eius mixtum cum
[illegible] et ficubus siccis duritias [illegible]
nat / fluxum stringit / Contra [illegible]
i. apud venenosos et mortiferos [illegible]

et eius malitiam nostram diffundit expellit et
compescit morbos [illegible]
has omnes virtutes cypressi [illegible] dyas.
et multo plures plinius autem li. 16. ca. 3.
dicit sic: Cypressus est arbor ramosa
et fructu varia [illegible] baccas pro fructu folia
amara odore violenta umbra gratiosa
Cuius duplex dicitur esse species / masculus s. et
femina. femina sterilis est [illegible] tamen
aspectu pulchra. Cuius rami in fastigio
sunt [illegible] et in unum convoluti [illegible]
[illegible] rami sunt magis sparsi qui
si [illegible] regerminant /

De cypros

Cypros 17°. dicitur ca. 20. cypri [illegible]
[illegible] plinius li. 12°. ca. 26. est
arbor in egipto similis olive in foliis sed
viridiora sunt et teneriora cum flore [illegible]
et semine candido et odorato / quod si cum
oleo coctum fuerit aut [illegible] / exprimitur succus
[illegible] regium / quod odoriferum est et
[illegible] deliciosum et cyprus dicitur / sicut dicit ysy.
li. 17°. et glo. super can. can. 7°. Sed plinius
etiam dicit quod optima huius generis arbor
crescit in egipto super nilum in campania
regione / 2a. in ascalone / 3a in egipto
cypro cui inest mira odoris suavitas
huic arbori ut dicit [illegible] est radix arbor
similis que dicitur aspalatos / huius similitudinem
in flore cum flore rose / ex cuius radice et
flore nobile fit unguentum / dicit etiam
[illegible] quod in omni fauce ubicumque [illegible]
arcus [illegible] sit suavitas odoris
quod dum ibidem fulget arcus / si [illegible]
arborum [illegible] inenarrabilis
eius odorum amplitur / et dicitur / et est similis
spine candide coloris / huius igitur sive [illegible]
et in parte redolet ut [illegible]
appellatur sceptrum [illegible] ut ibidem dicitur
[illegible] dyas. dicit quod cyprus est medici
nalis conglutinativa [illegible] cuius folium

[illegible] timore oris apponit. Et [illegible] [illegible] siue decoctio lauat capitis [illegible] et capillos facit [illegible] [illegible] et flos eius cum aceto [illegible] solvit

De [illegible] siue cyna[illegible]

Canella est arbor que alio nomine cassia [illegible] dicitur [illegible] [illegible] [illegible]

De cynamomo

Cinamomum [illegible] de [illegible] 28° et [illegible] 30°. [illegible] [illegible] dicit [illegible] est [illegible] quod nascitur in Judia et Ethiopia duorum tantummodo cubitorum. Et dicitur cinamomum quia subtiles et replicatos [illegible] [illegible] [illegible] vel nigri coloris [illegible] [illegible] [illegible] [illegible] visibilem spirans virtutem. Cinamomum [illegible] quanto gracilius et subtilius tanto [illegible] [illegible] quanto grossius tanto despectius [illegible] [illegible] ysydorus autem libro 17°. Cynamomum [illegible] [illegible] [illegible] [illegible] in modicum siue gracilis [illegible] et rotundus et [illegible] frutex brevis [illegible] [illegible] tenuis quod cum frangitur admodum nebule suavissimum emittit spiramentum [illegible] super [illegible] ca° v°. Cynamomum est brevis arbor odorifera et dulcis cyneris coloris [illegible] [illegible] duplo ad medicinarum usum tamquam [illegible] plinius libro 12° ca° 27°. Cynamomum [illegible] et cassia fabulose narravit antiquitas quod inveniuntur in nidis avium [illegible] [illegible] nec [illegible] pot[illegible] nisi quod cadit [illegible] pondere vel quod [illegible] cum plumbatis sagittis [illegible] ista fingunt homines ut [illegible] [illegible] augeant. [illegible] Vitrius autem cynamomum [illegible] apud [illegible] in ethiopia qui parva [illegible] maria in [illegible] [illegible] [illegible] ad portum [illegible] [illegible] et est frutex duorum cubitorum ad maximum vel minus palmi [illegible] [illegible] [illegible] in [illegible] in [illegible] [illegible] vel sex digitorum [illegible] [illegible] nisi [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] subtilior est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] magna difficultate [illegible] [illegible] [illegible] vel post [illegible] [illegible] [illegible] [illegible] [illegible] quod cum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ponit et reliquum [illegible] [illegible]. [illegible] autem bonitas eius est in [illegible] [illegible] [illegible] ad longitudinem palmi [illegible] in [illegible] [illegible] quod [illegible] [illegible] [illegible] est pars aut [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] quod [illegible] [illegible] cynamomum. Et [illegible] [illegible] [illegible] [illegible] [illegible] quod ibi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] usque plinius libro 12°. [illegible] [illegible] [illegible] [illegible] Cynamomum est [illegible] in [illegible] [illegible] [illegible] in 2°. [illegible] [illegible] duo [illegible] [illegible] grossum et subtille et [illegible] grossum est minus [illegible] [illegible] et in aliis [illegible] magis [illegible]. [illegible] [illegible] [illegible] quod est subtille [illegible] [illegible] sapore dulcedinem [illegible] virtutem [illegible] [illegible] [illegible] [illegible] et subtilitatem in [illegible]. [illegible] [illegible] subtilitatem est minus [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible]. [illegible] autem cynamomum multiplici [illegible] ut dicit dyas[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et cum aceto virtutem [illegible] [illegible] [illegible] coloris [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] potatum cum vino [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] passionem [illegible] [illegible] [illegible]

De cassialignea

Cassia [illegible] de [illegible] xxx° [illegible] est arbor et nascitur [illegible] ysydorus libro 17° in arabia et est virga robusta [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] cynamomo.

[illegible] virtute [illegible] in potentia [illegible] loco
nitandisque [illegible] pondus in medio
[illegible] [illegible] [illegible] dicit super [illegible]
[illegible] [illegible] in locis aquosis nascitur
et [illegible] [illegible] [illegible] ac bonum odorem reddit
De cassia dicit plinius libro 12° capitulo 27° [illegible]
[illegible] [illegible] cassia [illegible] cynamomi [illegible]
[illegible] [illegible] amplitudo est [illegible] [illegible]
[illegible] [illegible] est grossius sarmento cyna-
momi cuius color est [illegible] [illegible] can-
dida [illegible] rubescit tandemque nigrescit
et illa pars maxime est laudabilis post-
[illegible] autem laudabilior est candida [illegible]
[illegible] [illegible] [illegible] corrodit et [illegible] et
hoc accidit propter sui molitiem et minorem
amaritudinem [illegible] et virtutem. proba-
tur cassia [illegible] [illegible] per odorem et saporem
et colorem [illegible] cassia nobilis est subdul-
cis et acuti saporis est suavis et fundi o-
doris et subnigri insuper est vel purpu-
rei coloris et ponderis gravioris et
maxime laudatur illa cassia que [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] pluria.
Alia autem species cassie est que balsamo
[illegible] similis est in odore [illegible]
est et [illegible] [illegible] [illegible] que est subdul-
cis et [illegible] saporibus bona odoris [illegible]
[illegible] plus laudabilis [illegible] plinius.

Secundum platearium autem et dyascoridem cassia est
duplex scilicet cassia fistula et cassia lignea que
est [illegible] [illegible] [illegible] [illegible]
[illegible] babilonie [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] cynamomi que
subrufa est et rotunda [illegible] habet
[illegible] et in tangendo vel terendo non pluri-
[illegible] acuta est in sapore [illegible]
[illegible] et ista medicina [illegible] [illegible]
species que est [illegible] [illegible] habet colores
distinctos et hec utitur medicina [illegible]

est non facile [illegible] [illegible] [illegible]
acuta saporem [illegible] dulcedinem et
aromaticitatem [illegible] autem [illegible] colores
habet subalbidos intra et distinctos et
[illegible] [illegible] mixtos. ¶ [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] ro-
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] qualitatibus
[illegible] [illegible] [illegible] confortat ex aro-
maticitate [illegible] [illegible] et frigidas
[illegible] [illegible] [illegible] et [illegible] iuvat
cerebrum confortat [illegible] et visum pur-
gat [illegible] maturat et sanat [illegible]
[illegible] et [illegible] [illegible] fetorem oris
[illegible] [illegible] aut amputat [illegible]
[illegible] et [illegible] confortat. Contra
sincopim et affectum cordis iuvat. [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] fiat. [illegible] dyascorides.

De cassia fistula

Cassia fistula est fructus cuiusdam arboris
que longa semina producit [illegible]
[illegible] [illegible] elongantur et ingrossatur
et caloris actione exterius [illegible]
medulla interius existens nigra et [illegible]
[illegible] mixta cum albis granis et quibusdam
[illegible] admodum [illegible] mollis interius
est distincta. [illegible] autem est que est grossa
et ponderosa quia multam signat in se
humiditatem. [illegible] autem est que est [illegible] et so-
nora cum movetur quia signat [illegible]
et siccitatem [illegible] [illegible] [illegible] molli-
ficandi et [illegible] [illegible] sanguis
mirabiliter mitigat ac coleram et sang-
[illegible] [illegible] gutte dissolvit [illegible]
[illegible] utilis est et [illegible] pectoris sub-
venit [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et intestinorum
dolorem [illegible] tollit [illegible] dyascorides.

de cassia

[illegible] in cassia [illegible] ut dicunt auctores [illegible] ... et sic [illegible] plus et plures alii auctores

## De calamo aromatico

Calamus aromaticus [illegible] exodi ... 30. a similitudine calami [illegible] est vocatus ut dicit Ysidorus libro 17. gignitur in India multis [illegible] geniculatus odore suavis et [illegible] fragrans odoris suavitate qui si frangitur in multas partes scinditur et [illegible] similis cassie [illegible] ut dicit Ysidorus [illegible] in papia [illegible] et frutex est [illegible] super exodi xxx. [illegible] calamus aromaticus est species que nascitur iuxta montem libani [illegible] aut nascitur [illegible] plures et plurium [illegible] est calidus et siccus in 2° gradu et est [illegible] calamo [illegible] similis et magni odoris habet autem [illegible] in qua lignum invenitur quod [illegible] ut maioris pondus videatur. Est autem [illegible] auctores calamus duplex scilicet [illegible] color est [illegible] alius Indicus colore subalbidus qui cum frangitur facile [illegible] et habet virtutem mirabilem confortativam [illegible] stomacum confortat digestionem [illegible] maxime si cum absinthio [illegible] et cordis [illegible] que [illegible] cum aqua rosarum [illegible] plurimum aut calamus odoratus est Indicus qui maxime valet [illegible] nodis [illegible] frangitur in [illegible] et est [illegible] medicinalis [illegible]

cassia [illegible] sub [illegible] calamus [illegible] dicitur [illegible] et sic [illegible] calamus [illegible] calefacit et est [illegible] calamus ut dicit [illegible] nodis aliquibus [illegible] acquirit [illegible] que [illegible] et ipsa [illegible] et [illegible] et [illegible] 

## De calamo scriptuali

Calamus scriptualis [illegible] calamus scribe [illegible] est quod [illegible] calamus [illegible] plures [illegible] et [illegible] fructus [illegible] domos [illegible] pro [illegible] calamus [illegible] et [illegible] longitudinis in multis [illegible] fructus [illegible] et sic calamus [illegible] ad [illegible] calamus [illegible] et nodosus [illegible] plures [illegible] et [illegible] medullam [illegible] est plana [illegible]

et polita non medius et tales calami
sunt habiles ad scribendum cum parat an
[illegible] ut aptus ad scribendum et adap
[illegible] et perfectius attramentum administrat
[illegible] scribendi et in parte dextra plus [illegible] in
[illegible] alliquantulum prolongatur. Est et
aliud calamum [illegible] plenum qui primum
[illegible] pistatur et ad lentum igni
[illegible] usque ad spissitudinem
[illegible] toto tempore in spuma sed
post facta [illegible] et melius
[illegible] super manu [illegible] quod aliud scribi [illegible]
[illegible] quia bonum [illegible] in ore et
est valde dulce malum [illegible] in ore
[illegible] ut dicitur in platearia.

## De capparis

*de capparis*

Capparis est herba [illegible] plenus
[illegible]
[illegible] folia
et flores [illegible] est prouin
[illegible] que sunt in radice et ut dicit ysy.
[illegible] capparis [illegible]
[illegible] rotunda [illegible]
[illegible] capparis dicit dyas. et est
herba [illegible]
[illegible] plenus [illegible]
[illegible] sup omnia [illegible]
[illegible] in locis aridis et [illegible]
in antiquis muris [illegible]
[illegible] urinam prouocat et [illegible]
dolorem dentium mitigat et [illegible]
[illegible]
et magnas [illegible] sunt valde
ad [illegible] in plateario dicit capparis ut
[illegible] est herba que in primo [illegible]
est colligenda et [illegible] duobus
in magna [illegible] Et herba bona
et laudabilis [illegible]
[illegible] est [illegible]

et subtusta in calore. flores eius colligantur
[illegible] sunt clause quia nichil valent
cum fuerint dilatati cum sale condiantur
et ad usum reseruantur. Virtutem habet aperi
tiuam extractiuam et digerendi consumptiuam [illegible]
sto [illegible] sunt cum cibus et [illegible]
[illegible] et contra surditatem. [illegible]
puluis eius in auribus instillatus [illegible] in oleo
[illegible] et aure patienti infundatur
[illegible] plat.

## De cardamomo

*de cardamomo*

Cardamomum ut dicit dyas. est semi
[illegible] arboris [illegible] breuissimis
producuntur sunt enim quasdam tuberositates
[illegible] ut est dup
[illegible] dicitur domesticum et minus quod
de [illegible] est melius quia magis aro
[illegible] est laudabile quod est [illegible]
[illegible] constrictiuam
[illegible] confortandi consumendi. Et ideo valet
contra cardiacam passionem contra stomachi
indigestionem appetitum prouocat [illegible] ad uo
mitus [illegible] ad cordis debilitatem
et confortatiuum ut dicit dyas. et plat.

## De calamento

*de calamento*

Calamentum est herba quedam [illegible] sil
et qua [illegible] in glosis [illegible]
[illegible] et est dup[illegible] dyas. et plat.
[illegible] montanum et illud simpliciter melius
Est aliud quod domesticum non ita [illegible]
sicut [illegible] virtutem habet dissoluendi et consumendi
cum [illegible] et [illegible] in [illegible] gradu ut dicit
[illegible] valet contra tussim et [illegible]
[illegible] pectoris [illegible] sicut et
dyas. [illegible] quod est [illegible]
quod ex illius herbe floribus [illegible]
est [illegible] stomachi et [illegible] dolorem
sanat contra [illegible] et frigidas
[illegible] sanat [illegible] sanat [illegible]

[illegible] ut ... ad exteriora tenorem. Cur...
[illegible] et ... ante ... nec
[illegible] dogmat... [illegible]
[illegible] superfluitatem et ... [illegible]
lat et [illegible] ut dicit ... alias
... sicut [illegible]
sufficit.

De cacia

Caicex ut dicit ysidorus est ... a [illegible]
et acuta ... [illegible]
est triangula ... [illegible]
... folia habet in [illegible]
et acuta piramidali forma [illegible]
... [illegible]
aliquem ledit nisi ... [illegible]
palustri et molli crescit et [illegible]
... paret et acumine [illegible]
... [illegible] plat... [illegible]
putatur ... et cacia ... [illegible]
angulare et quo ... quod radix [illegible]
anguli est odoris boni et [illegible]
ma aromatica ... hoc intelligo non ... [illegible]
... multum in spatio sicut ... [illegible]
... [illegible]

... cacia
Caiem autem dicitur caretis ... [illegible]
... cacia sicut a salice salictum
ubi salices sunt ut dicit ysidorus.

De carduo

Carduus secundum ysidorum nomen ... est et est
genus herbe ... [illegible] cuius
... mordax est et austera et [illegible]
... capillorum fluxus curat. De car
duo dicit dyas. quod radix eius in aqua [illegible]
... cupiditatem bibendi potatoribus admi
nistrat ... utillissime est et ideo non
est mirum si a mulieribus ... [illegible]
ut masculos procreant, ut dicit idem.
Est autem carduus herba ... [illegible]
hastulas et in summitate spinosa ... [illegible]
tella in quibus semen ... continetur
quod utique extrinsecus nigrum sed album est
intrinsecus in [illegible]
et [illegible]
... [illegible]

[illegible]
[illegible]
[illegible]
... dicit ... [illegible]
folia et caules spinosos [illegible]
... et radix ... [illegible]
genus cardui quod ... [illegible]
floret et ... flore [illegible]
... acutis ... folia [illegible]
... et alii cardui spinosi [illegible]
ut dicit ... habundat in [illegible]
... possit extirpari ... [illegible]
fuerit ... diligentia radicitus extirpa
... extirpare ... palatim ...
... et [illegible]

De ficu seu caricis.

Carica est ficus sicca a ... [illegible]
... [illegible]
... [illegible]
... maturescunt ... [illegible]
... [illegible]
... [illegible]
... multis ... carica est dulcior et ...
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]

De cinnamo

Cinnamum ... [illegible]
... est aromaticum ... [illegible]
... [illegible]
... [illegible]
... [illegible]
... [illegible]

[illegible] ac mitigatiuus doloris stomachi [illegible] solutionis ventris effectiue [illegible] asserit [illegible] [illegible] provocat sanguinem [illegible] profl[uvium] [illegible] solet provocare sanguinem [illegible] pulverem tritum cum vino et similibus [illegible] [illegible] Cum baccis lauri [illegible] [illegible] sanguinem coagulatum [illegible] cum terra [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] pulvis cum [illegible] [illegible] et si [illegible] apposita totaliter tollit et [illegible] frequenti usu sanos dissolvere [illegible] [illegible] [illegible] et [illegible] [illegible] dicit Plinius libro 17. ut dicit q. cuminum aliud est domesticum aliud silvestre est. dicit [illegible] [illegible] maxime stomachi [illegible] dissolvit inflationes intestinorum destruit dolores ac [illegible] torsiones.

De coriandro

Coriandrum ut dicit Isidorus [illegible] libro 17 est semen quoddam odoriferum quod a quibusdam colian est dictum. Cuius semen in vino datum ut dicitur venerem promovet [illegible] cavendum est ne nimis detur [illegible] [illegible] dubio [illegible] inducat et furorem [illegible] [illegible] herba [illegible] [illegible] est venenosa nam [illegible] si ab eis aliquotiens assumatur. Ut dicit Ysidorus papias et [illegible] est [illegible] coriandrum in aliis calefacit et [illegible] [illegible] et [illegible] [illegible] Cum autem auctores [illegible] esse [illegible] virtute dicit [illegible] sic [illegible] [illegible] libro [illegible] [illegible] [illegible] ¶ [illegible] herbe coriandri dicit esse ¶ [illegible] dicit quod [illegible] ¶ [illegible] [illegible] [illegible] [illegible] ¶ [illegible] [illegible] solet [illegible] [illegible] ¶ [illegible] vino vel si [illegible] [illegible] [illegible] Coriandri herba in se est odorifera [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

De colloquintida

Colloquintida ut dicit [illegible] est [illegible] herba amarissima et cucurbita [illegible] [illegible] cucurbite [illegible] super terram [illegible] [illegible] rotundo fructu [illegible] [illegible] quam [illegible] diffundit in [illegible] fructum [illegible] rotundo ut dicit Ysidorus libro 17. [illegible] colloquintida quod dicitur cucurbita alexandrina [illegible] [illegible] et [illegible] est [illegible] et venenosa sicut herba que dicitur [illegible] i. [illegible] marina. Et quamvis multis [illegible] non [illegible] est [illegible] [illegible] dicit [illegible] a [illegible] et [illegible] medulla est optima medicina [illegible] [illegible] [illegible] [illegible] est moderate virtutis. [illegible] ista medulla est laudabilis que est alba et [illegible] sicca [illegible] levis apta et [illegible] illa [illegible] [illegible] [illegible] [illegible] multum [illegible] [illegible] facile pulverizantur. Virtute [illegible] dissolvendi et [illegible] ex amaritudine et [illegible] [illegible] et [illegible] et [illegible] sue subtilitatis [illegible] purgat et malencoliam [illegible] [illegible] [illegible] contra [illegible] et quartanam febrem [illegible] [illegible] [illegible] [illegible] dolorem [illegible] [illegible] [illegible] [illegible] longos [illegible] [illegible] et eius pulvis [illegible] aurium [illegible] [illegible] et [illegible] [illegible] aperit [illegible] eius cum feniculo [illegible] [illegible] decoctio [illegible] i. sanguinis [illegible] aperit et menstrua provocat et alias [illegible] et multas alias virtutes habet ut dicit [illegible] [illegible] et etiam plinius.

De croco

Crocus ut quod dicit Isidorus 4o. et [illegible] [illegible] est herba ab urbe corico sic dicta ubi maxime habundat ut dicit Ysidorus libro 17. Et est herba sic dicta a flore suo flos in quo potissima est eius virtus hic crocum dicitur et est optimum quod est recens odoris boni longitudine parum album integrum [illegible] in fragmentis qui minime [illegible] bonum et [illegible] [illegible] et tingit manum et leviter est acrius. Et huiusmodi non facile vetustum cognoscitur aut infusum adulterium aut admixto crocomagmate augendi ponderis vel spuma argenti trita additur. Et prodit si pulvis detectus invenitur [illegible] [illegible] Et de crocomagma [illegible] [illegible] [illegible]

et aromaticis et quibus crocinum sit unguentum
humanis usui. Secundum vero dyascoridem due sunt species croci
scilicet dictus ab orto in quo nascitur et orien-
talis a loco ubi crescit sic vocatus, et iste est
nobilior quam ortensis nec apponitur in nostris
medicinis. Producunt autem florem purpureum
ad modum viole in quo medio tres vel quattuor
flores producunt. Eligendi sunt autem surculi
subalbidi non abiecti et per x annos possunt
servari. Est autem crocus calidus et siccus in primo
gradu, et in suis qualitatibus temperatus
et ideo est confortativum. Unde valet contra
debilitatem stomachi et affectum cordis [illegible] et
valet ad ruborem oculorum ex sanie vel ex
macula tollit si tritum cum rosis et vitello
ovi oculo apponatur. [illegible] dicit et Plat.
Unam autem proprietatem habet crocus quod in foliis
per totam hyemem retinet virorem usque post
illud tempus quo fagus virendat. [illegible] non
deficiunt eius folia, et marcescunt post me-
dium autumpni [illegible] flores
in tenui stipite exeunt. Et proveniunt. Sic
autem dicit Dyascorides in libro vegitabilium crocus habet
magnam convenientiam et similitudinem cum
cepa et asfalonia in radice. Differt tamen
ab utraque quoniam ceparum radix croci contigua
et non facit semen sicut asfalonia sed etiam
tota radix eius seminativa in radice. Et
omnes tunice croci sunt magne et incipi-
unt tunice eius oriri ab una parte [illegible]
sicut accidit in asfalonia et domestica
cepa, sed incipiunt tunice croci loco [illegible]
[illegible] venarum capillarium, et hoc est proprium
croci ut dicit Dyascorides. Habet autem crocus radices
capillares quibus adheret terre et attrahit sibi
nutrimentum sicut lilium et alium. Et habet
Et quando cepa croci est grossa et sua natura
surgunt dividi et multiplicari in capita
multa propter radices et tunicas [illegible]
Et ex singulis crescit planta ex quo [illegible]

eius caput seu radix est. Eius usus sunt [illegible]
[illegible] et [illegible] species [illegible] sicut dicit
Plinius libro xx capitulo xx [illegible]
croci [illegible] cum melle non solum [illegible]
aliquo dulci facillime aut cum vino aut
cum aqua utilissimum est in medicina [illegible]
[illegible] omnes inflammationes et dolores [illegible]
[illegible] si cum vino fuerit mixtum [illegible]
stomachi et epati [illegible] utile est quod crocum [illegible]
bibentur ebrietatem et crapulas [illegible]
Corone [illegible] resistunt ebrietati et
non permittit [illegible] [illegible]
et caput movet stimulat venerem. Flos
eius [illegible] patet in
[illegible]. Et crocum [illegible] unguentum crocinum
quod [illegible] crocomagma vocant et [illegible] contra
suffusiones oculorum, et est optimum quod gustatum
dentibus inficit saliva. Ultra purgat [illegible]
[illegible] et inflammationes [illegible]
[illegible] scorpionum [illegible]
[illegible] humanas plinius.

De cepa

Cepa est herba cuius tota substantia est in
[illegible] et ideo sic cepa vocatur [illegible]
Ysydorus quia non habet nisi tantummodo caput [illegible]
Cepe [illegible] in libro de plantis. Cepe [illegible]
et asfalonia [illegible] folia et habet cepe stipi-
tem quo facit semen, et habet radix planta
tunicis vestitam, et sub radice alias habet radices
capillares quibus [illegible] radix et
sic [illegible] tota [illegible] radi-
calis et in primo anno non [illegible] radicem
[illegible] postquam seminatur [illegible]
autem [illegible] facere [illegible] faciunt
semen in folliculo sicut alium et quedam alia
[illegible] in summitate stipitis semen [illegible]
[illegible] se dilatant. Species
autem cepe est duplex scilicet domestica et sil-
vestris que [illegible] ab Dyascoride [illegible]
[illegible] cepa [illegible] albos [illegible]
[illegible] quedam [illegible] tenax

Et talis cepa tollit ... ipsa. Est autem ... [illegible] contrarii et ... [illegible] folia ita et radices ut ... [illegible] li. ... duas. dicit cepe ... [illegible] est et medicina et alabu... ... diversitas et fructu ... et maxime illud quod est oblongum magis quam rotundum et magis rubeum quam album et magis candida ... [illegible] comestum frequenter tollit ... dormire ... molle ... [illegible] ... et ... [illegible] stillatus ... dolorem sedare consuevit ... [illegible] humores ... [illegible] urinam ... et menstrua provocat et educit ... [illegible] ... et ... [illegible] ... clarificat et porros ... [illegible] ... comestum non cocta ... [illegible] ... tabulis ... [illegible] ... inflationem gignit ... caput ... [illegible] ... et manie et insania ... et terribilia sompnia ... [illegible] ... lacrimas suo odore ... [illegible] ... ebrietas (?) ...

### De cepa canina

Cepa canina dicitur squilla et sunt nomina eius marie (?) ... cepa magna ... [illegible] ... folia ... et ... venenosa ... [illegible] ... eius venenositas ... Debent autem ... [illegible] ... plantare in ortis ... et ita ... [illegible] ... vino et oleo ... [illegible] ... Et si in medicinis apponatur debet ... [illegible] ... ista cepa et ... interiora ... [illegible] ... quia exteriora mortifera ... [illegible] ... sunt in medio ... [illegible] ... medicinis appon.

¶ De cepa alia dicit Plinius libro 19° capitulo 7°. Ceparum apud grecos multa sunt genera et eis ... alie lacrimose et est optimum quod est rotundum ... et acrius est melius quam candidum, candidum ... genus. Seritur ... et plantatur ... ante ... [illegible] ... non facit semen et que facit semen corrumpit ipsum caput. Unde ex corruptione facit semen gignit ipsum et producto semine caput ... corruptus est. Vult autem ... semen cepe in solo terre ... herbis aliarum radicibus extirpatis. Semen eius ingestum ... [illegible] ... antequam ... maturescat, radices eius optime in paleis conservantur. Quod si libet capita macerare in aqua salsa et tepida capita sunt intingenda, et ita conservantur diutius ... [illegible] ... esui meliora, sed non satis ad seminandum et plantandum. Sunt ... multum capita ceparum sicut et aliorum suspendimus ad fumum super ignem, et sic mirum (?) conservantur, quia cepe extra terram facere non ... sicut et aleum, nisi per artificium curatur. Item ibidem libro 20° capitulo 7°. Cepe silvestre ... sicut ... multum ... sibilis, sunt tamen multum medicinales ... olfatu ... magis ... sternutationem ... provocant, oris ulcera sanat, morsus caninos cum melle et in vino curat, morsibus et serpentum obviat, auricularum sonitum et gravitatem curat, cum adipe ... aut cum melle lumborum dolores sanat, vulnera cum melle purgat et sanat. Hucusque Plinius.

### De cucumere

Cucumer cucumeris est herba ... dicit Ysidorus libro 17°. Cucumeres sunt dicti ... quia ... sunt amari ... dulces ... si ... [illegible] ... dicit. Cucumeris natura ... [illegible] ...

d fuit fumosior odore. Folia eius trita uel cocta ulceribus medetur et prohibuerit cuminus morsus. Semen eius tritum cum vino dulci et potui datum uiscerum adiuuat laborantium. Item plinius dicit li° 20 ca° 2° et 3° dicit quod est cucumer erraticus et siluestris cuius radix est magna grossa et alba ex cuius succo fit elaterium quod est necessarium in pluribus medicinis

De cucurbita

Cucurbita secundum ysi. grecum nomen est cuius origo latinus et modernus que sunt multa ut dicit ysidorus in li° 17°. Et idem dicit plinius. ¶ Est autem cucurbita alia domestica et [illegible] alia autem siluestris. Domestica ramos folia parit et flagella in modum vitis se diffundit et quibusdam ligaminibus se conectit sicut vitis. Est et quosdam flores albidos quos emittit potissime circa noctem et sine appodiatione florere potest. Eius fructus vix proficit ymo deficit et putrescit, quadmodum vitis a terra non erecta et lignis uel virgulis non sustentata. Est autem cucurbita secundum plat. frigida et humida et in qualitatibus temperata in calidis regionibus inuenitur. Cuius semina in terra proiecta, prius herbam procreat, et que producit albos flores et tandem fructum plenum semine simul et medulla. Cuius cortex primo est mollis, sed quando peruenit ad maturitatem ad modum ligni indurescit. Fructus eius quando noui sunt competunt cibis. Et semina medicinis. Sunt autem semina eius diuretica et [illegible] propter subtilitatem. Et valent contra oppilationem epatis et renum, ac febrem acutam [illegible]. Cucurbita elixata uel assata cibis est et medicina. Nam in maiori infirmitate purgat per urinam et alui [illegible] laxat et calorem reprimit atque refrigerat. Semina eius post maturitatem colliguntur abluuntur et ad solem desiccantur ut [illegible] per [illegible] panis et [illegible] succo [illegible] [illegible] [illegible]. Cortex cucurbite valet contra [illegible] valet contra tumorem oculorum [illegible] et dolorem aurium si tepidus inmittatur. Semen eius tritum in puluerem et [illegible] replet cauata vulnera [illegible] contra [illegible] plinius de li° 20 ca° 4°. Cucurbita est siluestris digitalis grossitudinis nascens in petrosis locis. Cuius succus [illegible] et [illegible] multum prodest renum et lumborum passionibus [illegible] absinthio et sale [illegible] dolorem tollit. Succus eius cum aceto calefactus molares dentes sistit. Caro eius [illegible] [illegible] [illegible]. Vinum [illegible] [illegible] oculorum [illegible] tollit [illegible] cocta et trita [illegible]. Semen eius potatum cum vino [illegible] non debet quia inflationes parit. ¶ Est et cucurbita agrestis secundum ysy. li° 17°. item quod coloquintida herba multum amara quemadmodum cucurbite siluestres. Vsus tendit flagella tendit hinc folia magna grauis odoris ut cucurbita et fructum rotundum sicut cucumer. [illegible] dicit ysy. [illegible]. Supra de nauo coloquintida.

De celidonia

Celidonia est herba croceos flores et fructum croceum tingens manus uel [illegible] quia aduentu yrundinum dicitur erumpere uel florere, ut dicit ysy. li° 17. Celidon enim grece yrundo dicitur latine, et subdit ysy. Vel dicitur celidonia quia pullis yrundinum si oculi tollantur matres illorum illos ex hac herba medicantur. [illegible] plinius [illegible] succo celidonie.

[illegible] vendum [illegible] ad [illegible]
[illegible] Aliud [illegible]
[illegible] dissolvere [illegible]
[illegible] dicit dyas. dolorem mitigat [illegible]
[illegible] purgat menstrua provocat [illegible]
[illegible] ut dicit [illegible]
plinius dyas. et platearius.

## De centaurea

Centaurea est herba amarissima calida [illegible] gradu et [illegible]
est nominata ut dicit ysy. vel quia a chirone
centauro eius virtus inventa est [illegible]
ut dicit ibidem. Est autem duplex maior
scilicet et minor. Centaurea maior habet ramusculos
et flores et est maioris efficacie et virtutis
quam minor ut dicit in platearius. Et dicit ibidem
[illegible] radix maioris est calida et
sicca in 2o gradu et habet quandam amaritudinem
[illegible] cum dulcedine [illegible] habet virtutem
conglutinandi. Ex amaritudine vero habet diureticam
et [illegible] folia in medicina [illegible] duo
[illegible] opilacionem [illegible] paralesim curat [illegible]
[illegible]
[illegible] ut dicit dyas. et plat.

## De lauro

[illegible] laurus [illegible] et
[illegible] et est laurus a [illegible]
laudis dicta [illegible] ramis et foliis
[illegible] capita [illegible]
[illegible] post [illegible] Et ideo [illegible]
[illegible] laudis [illegible] post [illegible]
[illegible] laurus est dicta sicut [illegible]
[illegible]
[illegible] ut dicit ysy. Hanc arborem [illegible]
[illegible]
[illegible] et ideo [illegible] victores po-
tissime coronabantur ut dicit ysy. et [illegible]
hec sola arbor [illegible]
[illegible] Apolini deo [illegible]
[illegible] et quia [illegible] in historiis [illegible]
[illegible] dicit [illegible] super [illegible]

Vero arbor [illegible] in [illegible] lauri
[illegible] capiti supponitur [illegible]
[illegible]
de visionibus [illegible]
sentitur. ¶ De lauro [illegible] plinius [illegible]
[illegible] Laurus triumphis [illegible] gra-
tissima est domibus [illegible]
quia domos ornat. Et [illegible]
[illegible] delphica et [illegible] lauro delphica delphis
[illegible] coronati [illegible] Cypria [illegible] ro-
mani [illegible] coronabantur [illegible]
[illegible] magnitudine
foliorum et in magnitudine baccarum. Est autem
arbor multiplex [illegible] et vivat plinius
[illegible] arboris [illegible]
[illegible] quandam speciem lauri quam
[illegible] magno Jovi et Apolini delphico
[illegible] tellus laurestra in domibus
et [illegible] a fulmine manet tuta [illegible]
[illegible] lauri [illegible] Apollo [illegible]
[illegible] Et ideo [illegible]
honoribus honore obtinuit in triumphis [illegible]
[illegible] laurum in usibus [illegible] Et pro-
[illegible] super altaria
[illegible] Cesar ac Tyberius
[illegible] laurum in capite erat [illegible]
[illegible] contra fulmina fulminum [illegible]
narrat [illegible] plinius mira [illegible]
augustus [illegible] in quodam [illegible]
augusta [illegible] aquila quadam de alto [illegible]
mire [illegible] in [illegible]
[illegible] gallina laurinum ramum in rostro
suo [illegible] multis gallina et [illegible]
[illegible] aruspices observari et
[illegible] diligentia custo-
diri. De quibus provenit silva triumphans
que postea Cesar laurum in manu tenuit
coronam in capite gessit. Et dicunt aliqui [illegible]
[illegible] ex illa silva post [illegible] triun-
phos oportuit coronari. Huiusque plinius.

¶ Lauro [illegible] addit dyas. quod est [illegible]
forme [illegible] et magne aromaticitatis
[illegible] folia eius [illegible] mitigat et sanat
puncturam apium et vesparum et [illegible] tumorem
[illegible] et [illegible] ponuntur

a timeis et vermibus custodiunt et a corrosione tutos reddunt. Facit lauri, dicit ba[illegible] lauri et fiunt grana parva nigra vel subrubea interius alba et virtuosissima in [illegible] calida et sicca in 2° gradu subtilitatis habet potentiam depurandi et confortandi et ideo in multis ponitur utiliter medicinis quibus fit dicta [illegible] contra multas et proprie frigidas passiones.

## De diptamo

Diptamus est herba medicinalis cuius radix magis [illegible] medicinis et [illegible] herba [illegible] solida non [illegible] [illegible] pulverizatur. Virtutem habet dissolvendi [illegible] [illegible] et [illegible] [illegible] et contra venenosos morsus [illegible] posita [illegible] et potata ut dicit dyas. et plat. Nam cum paucis additis [illegible] in multis et habet virtutem [illegible] provocat et reducit secundum dyas. fetum mortuum excludit. Epilenticis et [illegible] cum succo [illegible] subveniunt ut dicit idem dyas. [illegible] hanc herbam dicit plinius libro [illegible] [illegible] [illegible] quod diptamum primo monstravit nam cius [illegible] [illegible] [illegible] ut facilius pariat et si sagittis [illegible] [illegible] diptamum [illegible] quem [illegible] [illegible] in vulnere [illegible] ut dicit Basilius in exameron et Ambrosius et exponitur super [illegible] [illegible] [illegible] et similes [illegible] herba secundum pla. [illegible] in [illegible] locis [illegible] illa est minus laudabilis que crescit in agris pinguioribus sive grassis quam que crescit in locis asperis sive siccis melior est. Cuius tamen minima portio gustata accendit os ut dicit ysydo. [illegible] ysy. libro 17° sic dicit diptamus [illegible] est [illegible] ex quo diptamus herba nomen accepit [illegible] virgilius [illegible] [illegible] [illegible] pagat diptamos [illegible] [illegible] virtus est [illegible] [illegible] [illegible] et expellat [illegible] eius pabulo [illegible] [illegible] sagittas corpori [illegible]. Hanc quidam [illegible] [illegible] [illegible] [illegible] bellica [illegible] [illegible]

[illegible] ut dicit ysidorus

## De dragontea idest serpentina

Dragontea est herba [illegible] [illegible] [illegible] eius est in modo colubri [illegible] sic [illegible] similitudinem [illegible] [illegible] drachonis vel quia habet [illegible] [illegible] [illegible] ut dicit ysy. libro 17°. [illegible] a [illegible] [illegible] [illegible] vel colubrina [illegible] [illegible] [illegible] purpureum [illegible] aptum [illegible] [illegible] de quo medio [illegible] [illegible] [illegible] [illegible] nigra et rotunda et in [illegible] floris [illegible] [illegible] [illegible] medium [illegible] [illegible] [illegible] [illegible] et rotundo [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] maturescit. Herba ista secundum dyas. est magne efficacie et virtutis. Nam radix eius exsiccata et pulverizata cum aqua [illegible] [illegible] modificat clarificat et [illegible]. Cum sapore [illegible] fistulam sanat modificat et desiccat et os ubi [illegible] [illegible] [illegible] [illegible] et os fractum vel putrefactum [illegible] cum aceto et [illegible] [illegible] [illegible] folia eius in vino cocta [illegible] [illegible] [illegible] [illegible] eius [illegible] [illegible] [illegible] [illegible] sanat [illegible] clarificat menstrua provocat emoroydas idest [illegible] [illegible] [illegible] [illegible] consumit et desiccat [illegible] eius [illegible] [illegible] abortum provocat odore suo serpentes fugat. [illegible] [illegible] corpus [illegible] quod eius succo [illegible] [illegible] aut [illegible] [illegible] dyas. et plat.

## De dragaganto gumma

Dragagantum secundum plateareum et [illegible] est gumma cuiusdam arboris cuius humor vel actione caloris [illegible] vel constrictione frigiditatis [illegible] [illegible] Cuius species est triplex. Nam est album purum et clarum et illud melius [illegible] est subrubeum et citrinum quod non est [illegible] bonum sicut album rotundum [illegible] [illegible] [illegible] est [illegible] quod album est [illegible] [illegible] medicinis [illegible] subrubeum non et citrinum [illegible] [illegible] in [illegible] per xl. annos servari [illegible]

[illegible] [illegible] humectandi et [illegible] [illegible] fri et hu. et aglutinans [illegible] [illegible] valet contra vitia paruis [illegible] continuatis et [illegible] [illegible] per [illegible] humectat humorum [illegible] et [illegible] [illegible] sedat fissuram labiorum et uis[illegible] [illegible] conglutinat atque sanat [illegible] [illegible] [illegible] conglutinat dealbat [illegible] [illegible] contra dissinteriam prodest [illegible]

De ebeno

Ebenus est lignum ethiopicum colorem habens nigrum tactu leve et clarum lucidum et ponderosum unde per pororum compactionem positum in aqua statim submergit atque petit fondum ut dicit ysi. [illegible] vegetabilium. Est autem gustu stipticum et mordax quod igni appositum [illegible] capit ignem et suavem fumum emittit et odorem in porticula consumitur [illegible] [illegible] coloris virtutis habet purgativam consumptivam et confortativam. Et ideo collirijs utiliter adhibetur sicut dicit plinius et dyas. De ebeno etiam dicit ysi. li. 17. Ebenus maior crescit in india et in ethiopia, qui cesus diu induratur in lapidem. Cuius lignum est nigrum et cortex [illegible] sicut lauri. Indicum maculosum est et varium, sed melius quod in nullo est maculosum. Ideo nigrum est et leve sicut cornu solet [illegible] [illegible] [illegible] cupiditas in [illegible] [illegible] nigra tio [illegible] [illegible] [illegible] et virgilius.

De ebano

Ebanum commendat plini. li. 12. ca. 6. [illegible] ebanus esse arborem preciosissimam auro et ebori [illegible] [illegible] [illegible] pro ligno ebonum [illegible] auro et ebori [illegible] [illegible] pro tributo. Unde et regina sabba [illegible] ligna [illegible] [illegible] Salomoni [illegible] [illegible]

De hedra

Edra ab herendo est dicta [illegible]. [illegible] at dicit ysidorus, eo quod est semper in arbores [illegible] [illegible] [illegible] multiplicant, unde nutrimentum ea. Radix eius durissima [illegible] frigidissima est [illegible] et frigida [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] diu [illegible] et [illegible] [illegible] folia que diu [illegible] amara et [illegible] [illegible] saporis. Edra [illegible] plinium li. 15. ca. 33. Est sunt due species s. alba et nigra s. masculus et femina. Masculus est maior [illegible] eo folijs durior et pinguior. Edra [illegible] alba fructum habet album et nigra nigrum. Solent autem poete coronari folijs edre et [illegible] signum [illegible] ingenij et fertilis quia edra semper viret. Edra coronari merebant ille qui in factis libri [illegible] i. [illegible] [illegible] Unde hec arbor deo bono sacrata fuit [illegible] et marti, unde et Alexander magnus suos milites coronavit edra qui de india triumphavit ut idem dicit plinius exemplo liberi patris qui galeas suorum [illegible] edra adornavit. Est autem arbor ut dicit plinius multum in altum se extendens [illegible] diu inuenit arborem vel murum per quem se [illegible] radicosa seu ramosa [illegible] bracteas et barbas quasdam sed amaras. Cuius umbra est nociua, et satis [illegible] [illegible] [illegible] gratissima [illegible] muros et sepulchra unde [illegible] [illegible] in honore a vitribus fuit consuta. Folia habet [illegible] et angulosa grauis odoris plena et amara, sub quorum umbra latet [illegible]. Item ca. 34. [illegible] producunt [illegible] edre ad [illegible] vina [illegible] si fiat vas ex ligno eius vina transfluunt et aqua si fuerit mixta remanet certum est. [illegible] usque plinius. [illegible] dyas. dicit edra [illegible] sit [illegible] utilis tamen est medicine. Nam [illegible] est stipticam [illegible] et ideo dissintericis [illegible] [illegible] eius cum [illegible] [illegible] auribus immissus contra surditatem [illegible]. Item edra [illegible] [illegible] est composita et ideo in causis [illegible] [illegible] [illegible] [illegible] habet maturativam attractivam et [illegible] [illegible] et mitigativam. Et ideo [illegible] [illegible] [illegible] eius folia ad [illegible] [illegible] [illegible] [illegible] est et consolidativa et valet contra [illegible]. Cuius folijs [illegible]

ebeno

de ebano

de hedera

ficus sancti hic [illegible] et ad frangendum calculum in vesica et in renibus fortiorum est [illegible] quam sporis [illegible] sup [illegible] folia radi[illegible] [illegible] et [illegible] ac in laudanum [illegible] cuius virtus magna a medicis expta nam fumus eius menstrua provocat et educit secundinas expellit [illegible] [illegible] [illegible] sensus confortat tussientes [illegible] flu[illegible] [illegible] [illegible] et in multis medicinis [illegible] adhibetur

De eliotropia herba

Eliotropia est herba [illegible] [illegible] quod solstitio estivo floreat vel eo quod solis motibus folia circuata [illegible] [illegible] et a latinis sol sequium appellatur ut dicit ysy. li. 17. Nam sole oriente flores suos aperit et [illegible] [illegible] [illegible] se [illegible]. hic et [illegible] [illegible] quod [illegible] [illegible] abstergat [illegible] [illegible] [illegible] cathaplasmata ut dicit ysy. [illegible] plat[illegible] [illegible] solsequium sponsa solis dicitur et est herba frigida et humida in 2° gradu cuius succus bibitus [illegible] contra venenum sumptum [illegible] valet [illegible] contra morsum canis [illegible] si [illegible] [illegible] vulneri ponatur et contra [illegible] [illegible] epatis et oppillationem [illegible] valet.

De elleboro

Elleborus ut dicit ysy. ab elleboro fluvio [illegible] dicitur ubi plurimum [illegible]. hoc romani veratrum dicunt eo quod sumptum [illegible] movet et in [illegible] [illegible]. cuius duo sunt genera scilicet album et nigrum. Albus dicitur elleborus quia radices albas et albos .i. flatinos humores purgat. Niger vero nigras radices [illegible] et nigros humores .i. malicos purgat [illegible] [illegible] [illegible] [illegible] secundum dyas. et alios auctores herba multum violenta in [illegible] et [illegible] medicinalis cum cautella multum [illegible] [illegible] [illegible] qui [illegible] [illegible] adhibetur. Valet contra morbos [illegible] [illegible] qui [illegible] exhibetur ut dicit dyas. quartanas febres solvit [illegible] in [illegible] et alios interficit epilenticis et letargicis [illegible] [illegible] pulvis [illegible] [illegible] [illegible] et a muribus [illegible] [illegible] [illegible] interficit

Ut dicit dyas. et etiam plat. [illegible] [illegible] dyas. [illegible] [illegible] est elleborus albus [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] in locis montuosis et [illegible] [illegible] folia plantaginis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cuius radix [illegible] [illegible] [illegible] [illegible] [illegible] elleboro [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] dicit [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit [illegible] et plinius elleborus [illegible] nigre [illegible]

De Esula

Esula est herba medicinalis que calida est in 3° gradu atque sicca ut dicit dyas. Cuius radix maxime valet in medicina. Cuius multe sunt species et [illegible] [illegible] [illegible] in [illegible] [illegible] in [illegible] [illegible] [illegible] dicit [illegible] Ut [illegible] anabula [illegible] [illegible] [illegible] [illegible] [illegible] radix [illegible] [illegible] [illegible] [illegible] herba cuius esula [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] humorum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] flatinos purgat humores [illegible] et ydropicis et aliis pacientibus [illegible] humore flatico varias passiones

De eruca domestica et silvestri

Eruca est herba alia domestica alia silvestris calida et humida diuretica et [illegible] [illegible] confortat [illegible] [illegible] [illegible] [illegible] provocat [illegible] [illegible] purgat [illegible] est herba et in medicina flores eius [illegible] [illegible] [illegible] et [illegible] ut dicit plinius

De enula

Enula est herba cuius [illegible] est dup[illegible] [illegible] et campana [illegible] [illegible] est [illegible] et radix. Nam radix [illegible] [illegible] in [illegible] et in sole [illegible] [illegible] [illegible] [illegible] hic [illegible] et [illegible] [illegible] et [illegible] [illegible] valet [illegible] in [illegible] contra tussim et spiritualium membrorum [illegible] [illegible] [illegible] scriptum est

[illegible] ... [illegible] pro-

## De Epithimo

E[pithimum] ... [illegible] que est [illegible] ... tota in flore et [illegible] ... ponitur in medicina ut dicit ... et [illegible] ... purgat flatum et melancolicas passiones [illegible] ... [illegible] ... [illegible] ... [illegible]

## De ebulo

Ebulus est [illegible] herba in folijs et stipite sambuco arbori similis ... radices ... virtutem ... [illegible] ... dissolvendi et [illegible] ... grossum flegma et [illegible] ... [illegible] ... et manuum ... contra [illegible] passiones ... flatum [illegible] ... [illegible] ... [illegible] ... [illegible] ... [illegible] ... [illegible] ... [illegible] ... [illegible] ... odor ... est [illegible] ... fetida et sapor ... ab antiquis medicis optima ad medicinam est ... [illegible] ... [illegible]

## De ficu domestica et silvestri

Ficus est arbor ... [illegible] ... fructum ... [illegible] ... [illegible] ... ficus aut [illegible] ... [illegible] ... [illegible]

in superficie ... [illegible] ... qui ... ponit humor ... ante tempus non [illegible] ... ad [illegible] ... fructus ... transtullisset. ... [illegible] ... [illegible] ... ad fici arboris ... [illegible] ... arboris ... et ... Ficus autem ... habet ... [illegible] ... ficus et ... habitudinem ... ad faciendos caseos sicut flos ... Est autem eius humor ... virtuosus et ideo ficus est ... quod enim virtuosum est transit in fructum et quod subtile et aquosum in folia transmutatur. Que quidem sunt lata et scissa et in extremitatibus ... et acuta quorum lacte ... membra ... ad ... et libidinis incendium. ... ficum ... folijs ficus ... contingit autem ficus arborem ut dicit ... alijs per humoris defectum alijs per superfluitatem ... habundantia et in utroque casu indiget medicina. ... agricole ... subveniunt in defectu humoris per fimum ... et aquam dulcem ... superhabundat humor arborem clavis perforant et sic superfluum humorem ... sicut ... arbor ... est ... De ficu arbore sive ficu dicit plinius in libro 13° capitulo 8° ... dicta sunt ... ysydoro ... dicta ficus egiptia ... est arbor ... magnitudine ... folijs et aspectu ... fructus ... maturescit ... quatre ... grossus ... maturescit ... viridat.

et lactis superfluitas emittatur. Et emittet gemma sua sive foliis in extremitate ramorum, et habet similitudinem in radice cum populo et in foliis cum ulmo et est in quantitate forme filicis magnitudo. Est autem ficus arbor tenera et delicata et ideo a forti frigore et facile leditur, et potissime quando incipit germinare. Item et Plinius li. xi° ca. 6° est ficus Indica et quod fructus poma ... ramis transfussa quia rami pondere suo in terram adeo incurvantur et terre infiguntur et sic vernam propaginem faciunt in circuitu circa parentem suum sepem et tanta faciunt umbram et densitatem quod pastores sub eius ramis aestivant et a vento se abscondunt. Superiores autem eius rami in altum dati se extendunt. Collaterales non vasto circuitu circa matrem se diffundunt, et quod silvosa multitudine umbram magnam faciunt. Folia autem sunt latissima admodum, pelte amazonie disposita. Poma autem facit multa que fabe magnitudinem non excedunt. Super folia calore solis ita decoquuntur quod per dulcia sapore ad commendandum digna miraculo reputantur. Ad hoc dicit Plinius li. 15° ca. 19° quod est quedam arbor que dicitur ficus silvestris que alio nomine dicitur caprificus numquam maturescens, sed quod ipsa non habet ex se aliis tribuit, quia culices solent aperire ora radicum vel corticis arboris ficus, et ibi lacte infigere surculos et ramos caprifici ex quorum fissione capta radice attracto aere novo et humore et congruo virtute recipiunt et digerunt. Unde et humor lacteus qui est in eis immaturus in spiritus transit et pascitur sicut supra patet in dictis Alberti in tractatu de causa fructificationis arborum et herbarum. Idem et dicit quod tales arbores dicuntur aliter uxor fructificans ordinaverunt ut ... flatus evolantes in ipsam sicut ... et ad hoc utilius est dicunt australis vel aquilonaris quod sibi ... plus ... de boreali

... quod australis ... in ... pere nimis profundum ... quod in ea humor lacteus ... et etiam congelatur ... de ... 

Quod autem ... ficuum vel ficus ... radices folia cortices et fructus ... in tractatu de ... Ubi ... continentur

### De fraxino

Fraxinus est arbor ... in ... locis asperis et montuosis ... habetque fraxinus ... Et fraxinus ... De fraxino et dicit Plinius li. 16 ca. 13 ... arborum ... quas ... causa ... utilis est fraxinus.

Que est alta seu procera et rotunda atque ... sine ... folia ... Homeri preconio et Achillis hasta nobilitata ... in aliquibus ... ista silva ... folia contra ... Nam succo expresso et potui dato ... opitulatur ... eius umbra matutina vel vespertina non attingatur quod si ... igne et folia fraxini ... serpens in ... potius ... in fraxinum fugiet. Sunt tamen folia eius iumentis mortifera in Graecia ... ceteris aut ruminantibus ... in Italia non ... obsunt ... ante ... folia dimittit. Sunt autem duo genera ... ut dicunt ... que cum est longa ... nodosa alia brevior est ... in foliis lauro similis ... non dividunt fraxinum ... in campestribus et in montanis. Campestris folia sunt magis crispa ... montane magis spissa et folia illa ... sunt ... Iuniusque Plinius ... plat... autem fraxinus calida est ... in 2° gradu. Cuius cortices et folia ... Item ... contra ... si cum aqua pluviali et ... decoquatur et super ... apponatur

### De fago

Fagus est arbor cuius notitia in multis est necessaria ... ut dicit Ysi. li. 17°

de fraxino

... et ... de fago

[illegible] [illegible] libro 16. Fagus est arbor glan-
difera [illegible] dicta quia fagi [illegible] [illegible]
[illegible] [illegible] et ex eis sumpserunt cibu-
[illegible] [illegible] [illegible] [illegible] ut dicit Ysidorus
libro [illegible] [illegible] libro 15. capitulo 5. Dicit sicut fagi
[illegible] [illegible] [illegible] [illegible] [illegible] solidi-
tate [illegible] [illegible] [illegible] cuius medul-
la [illegible] est [illegible] et [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] et ea [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] vasa
[illegible] [illegible] [illegible] ut dicit Plinius
capitulo 5. ¶ Item de [illegible] [illegible] [illegible] fu-
[illegible] [illegible] multis [illegible] et [illegible]
et [illegible] [illegible] que [illegible] [illegible]
facit [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] est autem arbor in substantia [illegible]
solida [illegible] [illegible] et porosa et [illegible]
[illegible] durat ut dicit [illegible] [illegible] cuius
[illegible] [illegible] est et apta ad [illegible] et ad a-
[illegible] [illegible] substantia [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] est [illegible] [illegible]
ex cuius [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] ligna [illegible] [illegible]
[illegible] [illegible] [illegible] sunt [illegible] [illegible] [illegible] [illegible]
[illegible] est [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] in arboribus [illegible] [illegible].

## De faba

Faba ut dicit Ysidorus libro 17° dicta a greca
ethimologia quia faga nam fage co-
medere dicunt. Est enim genus leguminis quod
antiquitus in conviviis solebant uti. Huius
species sunt due quarum altera est [illegible]
altera est [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
ac [illegible] [illegible] dicit [illegible] [illegible] [illegible]
faba [illegible] [illegible] [illegible] in orto et agris [illegible]
cuius hasta [illegible] [illegible] [illegible] [illegible]
et nodosa folia in singulis nodis [illegible]
lata plana et [illegible] oblonga et [illegible]
flores albos [illegible] [illegible]
[illegible] nigra odoriferos et [illegible]
[illegible] [illegible] [illegible] [illegible]
diversas [illegible] [illegible] et oblongas [illegible]
[illegible] sunt quasi [illegible] [illegible] [illegible]
ab [illegible] sunt [illegible] [illegible] fabe
per ordinem sunt locate et [illegible] [illegible] [illegible]
[illegible] [illegible] et albe [illegible] atque molles
[illegible] [illegible] [illegible] [illegible] et
tandem [illegible] [illegible] et hoc maturitatis
[illegible] est. ¶ Est autem faba [illegible] [illegible].
et [illegible] [illegible] [illegible] nisi sit viridis et tunc
est [illegible] in [illegible] gradu. Que ut viridis comme-
sta [illegible] [illegible] humores grossos generat
[illegible] [illegible] [illegible] ventris facit
[illegible] [illegible] est nociva. Sanguinem grossum
et [illegible] [illegible] et [illegible] grossum qui
cerebrum offendit sompnia vana et ter-
ribilia inducit. [illegible] [illegible] et assatura
eius ventositas inflativa diminuitur
sed totaliter non aufertur. Fabis si quidem
[illegible] [illegible] dolorem [illegible] patiuntur
splenem oppillat ventrem stringit [illegible]
[illegible] [illegible] ad digerendum [illegible]
et multum inflativum. Est tamen fabe medulla
medicinalis. Unde eius collatura farina
purgat et potata pulmonem curat applicata
mamillarum curat cum rosa mixta [illegible]
et dolorem [illegible] tollet spissitudinem abster-
git masticata et [illegible] apposita [illegible]
ad [illegible] [illegible] [illegible] fissa
et super [illegible] [illegible] supposita sanguinem
restringit lac effluentis de mamillis
sistit [illegible] non permittit podagre et
[illegible] [illegible] [illegible] cuius decocta [illegible]
[illegible] super locum doloris cathaplasmatum tumores
et collectiones [illegible] [illegible] si [illegible]
decocta in [illegible] tumori apponatur. ¶ Et
fabe [illegible] [illegible] et [illegible] dicit Plinius
libro 18° capitulo [illegible]. [illegible] leguminum faba dicitur
optima quia multi [illegible] cum pane

sunt cum [illegible] ponere [illegible] sic pastus pondero
sunt [illegible] [illegible] in [illegible] [illegible]
[illegible] ut scripturis [illegible] dicitur
[illegible] [illegible] etiam [illegible] [illegible]
[illegible] mortuorum [illegible] in
ea. Quod etiam varro tradidit flamini
non [illegible] faba vesci [illegible] Sola au-
tem fruges est [illegible] [illegible] luna crescit
et repletur eius aqua [illegible] alias fossa
non [illegible] [illegible] sunt seminate in orta
sunt plyadum et [illegible] [illegible]
Et querit in flore aquam [illegible] [illegible]
Cum non efflorent [illegible] [illegible] et plura
sunt terra in qua seminata est fenda [illegible]
soris [illegible] Et ideo in [illegible] [illegible] agra
in quibus fuerunt [illegible] [illegible] [illegible]
sunt in flore. Crescunt autem fabe per se in
multis locis et maxime in [illegible] et in
insulis oceani septentrionalis [illegible] est
dura quod vix coqui possit. [illegible] [illegible]
[illegible] spinosa et ideo [illegible] [illegible]
mentis ut corpori [illegible] [illegible] [illegible]
longitudo est quatuor cubitorum [illegible] capite [illegible]
papaveris coloris rosei in quo [illegible] [illegible]
[illegible] [illegible] super terram. Et est eius [illegible]
sunt [illegible] [illegible] [illegible] folia alba
et [illegible] [illegible] [illegible] Radix est
[illegible] [illegible] et [illegible] in [illegible]
arundinum radicibus [illegible] hec usque plinius
libro 17 et libro 12. [illegible] in 3 [illegible] 17. dicit idem vir-
gilius [illegible] Et [illegible] [illegible]
[illegible] [illegible] sic [illegible] grandescere [illegible]
Quidam etiam dicunt fabas [illegible] et
adolescere si triduo antequam seminentur [illegible]
aqua maceretur [illegible] plinius.

## De frumento

Frumentum a fruges est dictum. i. a re-
fouendo sicut et fruges. unde ysy. et fru-
men superior pars gulle dicitur, ubi [illegible]
[illegible] [illegible] Est autem proprium frumenti
[illegible] aristas in similitudine [illegible] [illegible]
et grana [illegible] in [illegible] [illegible]
Nam in [illegible] [illegible] [illegible] [illegible] [illegible]
mus et de culmo procedit spica [illegible]
folliculis sunt [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] in [illegible] [illegible]
spica [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
fruges [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
la [illegible] [illegible] ab [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] sola [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] maturescit
[illegible] [illegible] [illegible] ¶ [illegible] [illegible]
multa [illegible] ut dicit ysy. et plinius libro [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible] in [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] est [illegible] [illegible] terre qualitas [illegible]
[illegible] Nam quedam [illegible] terra [illegible]
[illegible] [illegible] in [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] Item [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
terra [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] est [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] super ysayam [illegible] Item [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] Item attendit [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] est [illegible] [illegible] [illegible] [illegible]
Nec [illegible] [illegible] [illegible] dicit plinius
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et hoc [illegible] [illegible] [illegible]
[illegible] [illegible] est in flore et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible]
et [illegible] [illegible] [illegible] [illegible] [illegible]

tempus [illegible] in [illegible] ubi [illegible]
[illegible] vel nitri [illegible] solum
[illegible] ¶ Item nocet [illegible]
[illegible] sub nube [illegible] que [illegible]
ad [illegible] radios rapitur ibi calores [illegible]
[illegible] et [illegible] nascuntur [illegible]
[illegible] radicum ex quorum corrosione
[illegible] ¶ Item in grano [illegible]
[illegible] corrumpere
[illegible] in [illegible]
[illegible] corrumpunt. Item
in [illegible] vel depauperat ab ipso
[illegible] propter defectum
nutrimenti vel caloris in eo quedam musce
[illegible] que nocent [illegible] in
frumenti [illegible] corrodentes quam etiam
multiplicantur locuste et bruci quorum [illegible]
omnia devastant. Item exigitur in ipso semine
frumentali puritas nam ut dicit Plinius
libro [illegible] Si semina oleo [illegible]
[illegible] tangerentur utique semina corrumperentur.
Et ideo cavendum est summopere ne talibus
misceantur que omnia sementina [illegible]
sunt infecta corrumpunt. Item requiritur
in [illegible] frumento cultura studiositas
oportet enim ut a superfluis [illegible] et dili
gentius expurgetur. Nam ut dicit [illegible]
optima [illegible] nascuntur alie herbe mortifera
ut lolium lapatium et [illegible] quod accidit
ex vicio et malicia terram [illegible] vel ex
defectu virtutis seu caloris sufficientis sin
gula [illegible]. Item [illegible] Ex
[illegible] corrupto adherente foliculis et granis
accidit corruptio que dicitur rubigo que spica
[illegible] corrumpit et [illegible] in colorem
rubigineum transmutat. Item [illegible]
frumenti grana [illegible] optinent [illegible]
[illegible] humane [illegible] nichil amabilius vel in
[illegible] medicina salubrius [illegible]
[illegible] hoc [illegible] infra in [illegible] querere
etiam de messe et segete.

De farre

F[ar] dicitur [illegible] est frumenti [illegible]

re qua ab [illegible] missum in pila frangeretur
antiqui usus molle [illegible] farre [illegible]
dicitur farrago ut dicit ysy. Est enim [illegible]
ordacia [illegible] dies in qua grana ad
maturitatem non pervenerunt

De farina

F[arina] que panis est materia a farre
est. Nam far sive frumentum inter
molas farina facit. vel dicitur a farci
endo que in pane redacta farcit. Dicitur
et de farina proprie que frumentum inter
molas optime est confractum. Furfure
[illegible] medulla sua separato. Nam qui
flos medulle separatur a furfure sive a
[illegible] simila vel simillago nuncu
patur. Et de alio nomine polimpis. Unde
dirivatur hec polenta et hoc pulmentum
a [illegible] dictum ut dicit ysy. libro 20 capitulo
primo. Quidam tamen dicunt polentam esse
partes de farina esse purgatissima factas
et dictas. Unde polenta a polline que
est farina valde delicata que vollatur a
mola in moladino et alio nomine ad
molum dicitur quia propter levitatem a molla
evolat sicut et simulla quasi sine molla. Po
lenta tamen aliam habet significationem sicut dicitur
in glo. super Josue v°. Comederunt po
lenta castrum annum granum scilicet tosta et ma
nibus confricatum et a foliculis separata
admodum granum pillotensi et secundum hoc dicitur
polenta quasi pillenta. Secundum quorumque nominum
victum farina utilis est in cibo et in me
dicina. Inde enim fit panis per aque admi
xtionem et ignis decoctionem. Talis libanarum
in cibum sepius datur non delicate quamquam non
panis fermentatus fermento mixtus quam
licet azimus sine fermento subcinericius
subcineritius sub cinere coctus et vervecat
qui et foratius dicitur. quam clibanus in
clibano coctus sive furno. Hiis enim
et multis aliis modis de farina arte
pistoria fiunt panes ut dicit ysy. libro xx°
qui omnes corpus confortant et corpus
nutriunt atque deletur deperdita reparant

et ... labo... admi
... prout ... est mo
... farina triticea, ut dicit Const.
magis ... et ...
... Farina itaque molla tritici
... dividitur
aqua ... firmitatem et sapidio
reddit et ... in farina panis ...
... et sic ultro
post ... inter ... et
... et ... est multis farina
in medicina que cum aliis ... ribus
modo debito admixta pustulas sanat
et mundat ut dicit ...
coagulant lacte ... opposita fa
rina triticea, vel ... in ...
et cum vino ... sup...
rum mollificat ut dicit ... rationes
et apostemata maturat ... indigestos
et qui spasmatos ... aut ...
ut dicit ...

De fermento

Fermentum a fervore est dictum quod
... et ... fiat pasta ut dicit
Ysy. li. xx° ca. p°. Est autem fermentum com
positum ex diversis virtutibus ... sub
subtilibus. Et ideo virtute ... panis ...
natura, et sui ... sapo ... pinus
... panis ... et in ...
... totius masse ... cum admi
scetur ... et ... virtu
tem ... facile ... et
que miscetur cum sale ... apostemata
maturativa, et apertiva, Nam poros
corporis aperit subtilitate sua, et humo
res dissolvit. Fermentum autem latine
zima dicitur grece. Unde farina pura non
aspersione aque conglutinata dicitur
azima quasi sine zima, et est zima ...
... receptiva ... et di
... partium panis ... pasto ... ad
miscet ut ... colum...

De feniculo

De fumoterre

Fumus terre herba est ... in
... gradu sic appellata ...
... et ...
sic dicit quod ... qualibet ...
grossa ... tueri ... et ...
... adhe... ut dicit ...
... est ... tanto ...
... nullus ...
est ... odor et ... sa...
... est ... purgat ...
... et ... infirmitatibus ...
ydropisis ... et ...
ydropicis podagricis et ... contra
... et ... oppillationes ...
... herba ... inflativa et
... et ideo ... ventositatis
... cum ... feniculo ...
... ut dicit ... in plateario.

De feniculo

Feniculus est herba ... multe tam
... est et virtutis. ... herba calida et sicca in ... gradu ...
... diureticam ... et ...
et ... et ... sui ut dicit
in plateario. ... folia ...
folia ... ysy. li. ...
ca. ... ultro dicit feniculum latine ...
... cuius ... seu ...
... et ...
... herbam ... marathrum ...
... ysy. ex dictis plinij li.
xx° ca. ... Feniculus ... nobilitatem
... gustu ... exuendo ...
... intellectus est ...
... sit ...
contra ... herba ...
... et ...
... cum ... vino potata ...
contra morsus ... et ...
... cuius ...

[illegible] stringit et corroborat [illegible] auditum [illegible] calorem flammae et venam provocat [illegible] provocat et multiplicat [illegible] uteri purgat cum vino [illegible] [illegible] multum sanat [illegible] [illegible] fortiter et fortius [illegible] [illegible] cum feniculo [illegible] dicit [illegible].

De ferula

Ferula est herba cuius succus galbanum dicitur ut dicitur [illegible] et fit [illegible] [illegible] de storace et galbano ut dicit Plinius dat [illegible] in monte quodam ubi habundat ferula aqua fluit [illegible] dicit autem Plinius libro 2° capitulo 24°. Ferule semen [illegible] est [illegible] folia et ramum [illegible] cum oleo et [illegible] nulla [illegible] [illegible] [illegible] [illegible] radix [illegible] ad pondus denarii [illegible] valet contra [illegible] [illegible] ad magnitudinem fabe [illegible] [illegible] medulla [illegible] [illegible] tollit [illegible] [illegible] [illegible] morbum caducum [illegible] [illegible] ferulam [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] clarificat oculos [illegible] secundum Plinium.

De feno

Fenum est dictum ex hoc quod ex eo flamma nutritur. Flos eius flavus est herba [illegible] et sicca [illegible] [illegible] [illegible] [illegible] est apta. Nam fenum [illegible] est propter [illegible]

[illegible] fenum autem dicit glossa super Ysaya xl° fenum nascendo [illegible] virore et crescendo [illegible] florem tamen calore solis [illegible] reddit [illegible] pallorem ac in morte [illegible] [illegible] virorem et [illegible] [illegible] et [illegible] et tam flos [illegible] [illegible] ad sui aspectum [illegible] oculos [illegible] [illegible] et delectat propter sui raritatem [illegible] solis [illegible] eius humiditas facile consumitur. Et hec est causa quare primo florendo quasi [illegible] videbatur tandem a sua gloria spoliatur [illegible]. Nam fenum quod hodie oritur et virescit cras moritur et in clibanum mittitur. Quare quanto citius deficit et arescit [illegible] [illegible] [illegible] [illegible] [illegible] fenum [illegible] [illegible] [illegible] [illegible] fenum altius stat et minus profunde [illegible] radicem tanto minus [illegible] [illegible] deficit et arescit [illegible] [illegible] [illegible] [illegible] et ut [illegible] soli exponitur et [illegible] humoris [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in cumulos et acervos recolligitur et ultimo in plaustris ac vehiculis ad horreum deportatur et sibi ad diversos usus necessarios reservatur. Fena vero crescentia in locis aliquantulum montuosis et aridioribus sunt magis odorifera et et qualitatibus magis sapida quam illa que crescunt in pratis palustribus et aquosis ut dicit Plinius quia in illis [illegible] [illegible] maior est digestio in istis vero minor.

De flagellis

Flagella dicuntur summitates arborum et [illegible] partes eo quod [illegible] [illegible] flatus ut dicit Ysidorus libro 17° quorum [illegible] aliqui [illegible] aliqui folia vocant. Et dicuntur apud nos [illegible] [illegible]. Nam folium [illegible] [illegible] latine dicitur. Et [illegible] [illegible] folia sunt quedam [illegible] in [illegible] [illegible] admodum foliorum protrusa. Ideo translatione [illegible] folia apud nos [illegible] [illegible]. [illegible] autem [illegible] quibus [illegible] frondes sunt folia [illegible] [illegible] et flagella [illegible] nuncupantur. Illam humor [illegible] et subtilis per [illegible] [illegible] ad ramos a radice attractus [illegible] calore [illegible] [illegible] in diversis locis et [illegible] suo [illegible] ac sibi [illegible] pre-

omnes enim ut mercuris calidissimarum
exterioris transmittitur in flores foliorum
ut dicitur in commento super librum vegetabilium
[illegible] et si aliquarum arborum [illegible]
[illegible] [illegible] humorum
[illegible] folia in qualitate et figura mul[illegible]
[illegible] variari ut patet supra eodem
libro. ubi agitur de diversitate arborum quorum
quo ad figuram diversa folia [illegible] sunt
eodem libro. Folia itaque ornant arbores et
tenellos flores et fructus [illegible]
tis tenuitatibus [illegible]
ant. grandinum [illegible] et ventorum im
pulsus et ymbrium ictus [illegible]
folium sicut scutum [illegible]
et tenuitatem modico [illegible]
tamen a [illegible] radiis [illegible]
huiusmodi donec fructus maturatus sub fo
liis maturescant. unde et estate [illegible] et
sic hyeme paulatim [illegible]
dum in terram [illegible]
[illegible] folia eius [illegible]
[illegible] animantibus [illegible] sunt in [illegible]
sicut folia [illegible] que et capre et [illegible]
diligunt ut dicit ysy. Alias proprietates fo
liorum quere supra in eodem libro 10. de arbo.

De floribus

Flores ut dicit ysy. li. 17. dicti eo quod
cito defluunt et solvuntur. horum tamen
multiplex est gratia scilicet odoris saporis et co
loris levitatis et virtutis. nam odore delectant
et recreant sapore [illegible] gustum [illegible]
alitum gustum levitate demulcent [illegible]
virtute multiplices sanant morbos. zephy
ro [illegible] et austro dissolvuntur ut dicit idem
ysy. [illegible] arbores et herbas campos [illegible]
et silvas ornant sua pulchritudine et de
corant dulcedine [illegible]
[illegible] nisi [illegible] et [illegible] flores
[illegible] [illegible]
[illegible] apparuerunt flores [illegible]
et spem de fructu [illegible] flores [illegible]

fructui prebent et spem [illegible]
[illegible]
[illegible] arboris humor [illegible]
[illegible] et [illegible]
[illegible] deflorant [illegible]
[illegible] et [illegible]. Item flores [illegible]
solis se aperiunt [illegible]
se claudunt [illegible]
[illegible] et [illegible]
[illegible]
Itemque [illegible] flores et [illegible]
[illegible] se aperiunt et
[illegible]
que alio nomine [illegible] ut dicit
a multis [illegible] ut patet supra in [illegible] E. In
[illegible] flos [illegible] est d
[illegible]
[illegible] flores [illegible] vel etiam
[illegible]
[illegible] sint [illegible] vel [illegible]
[illegible] ad maturitatem [illegible] calores
[illegible] producat ut dicit plin.
li. 20. [illegible] flores [illegible]
[illegible] flores rosas et lilia [illegible]
[illegible] nobilium adornandas
[illegible] est dictum. Est autem flos [illegible]
flos [illegible]
[illegible]
[illegible] Est itaque flos
[illegible]
flore rubicundo et in colore sanguineo [illegible]
[illegible] flores [illegible] plures [illegible]
[illegible] folia [illegible]
[illegible]
[illegible]
[illegible] et folia et in [illegible]
[illegible]. Et ei in multis medicinale
non inferior ab antiquis [illegible]

Centaurea est herba amarissima [illegible]
et [illegible]
[illegible]
[illegible]

fructus uelle mixtus bisu clarificat in
flationes soluit morsus uenenatos curat
et [illegible] aplita s. mortificum fumat
[illegible] nocentes sive malitia reprimit et re
[illegible] impedit ne maior fumositas
ad nobiliora membrorum interiora se dif
fundat [illegible] plinius ubi dictum est

De fructu

Fructus [illegible] fruendo nomen accepit
ut dicit ysidorus, quia fruimur eius utilitate
[illegible] per [illegible] ut dicit ysidorus libro 17°
fructus et fruges dicuntur. ¶ Fructus autem pro-
prie dicuntur arborum et agrorum [illegible] a fruendo
quibus abusive [illegible] fructum
aliquotiens nuncupamus. Est itaque generaliter
attendendum quod pars arboris sive planta
que nobilior est et virtuosior tamen in
[illegible] quam in radice solent attrahi naturali
calore ut suo tempore producunt et fructus
originem disponunt, sed fructus [illegible] quantitatem
humoris et caloris [illegible] mutatur, solis
[illegible] solis et celestis virtutis
influentia ad perfectum deducitur et tandem
maturato fructu et collecto ad usum et
esum delectabilem assumitur. ¶ Fructus autem
crudi et indigesti corporibus maxime puerorum
et debilium sunt nocivi et inflativi la-
biorum et aliorum [illegible] generativi humorum
malorum [illegible] ut patet in melancolicis [illegible] que
maxime desiderant fructus immaturos
ut dicit plinius. Sed fructus [illegible] et ma
turi tamen [illegible] apo
sta tamen quod quilibet fructus quilibet
modo debito utatur et potius [illegible] propter fru
ctus usum ordine [illegible] subiungit, ut
in libro dietarum plenius dicitur.

Item de fructu

Fructus autem generaliter primo sunt duri
et indigesti [illegible] ponticus vel
amarus, sed calore [illegible]

terre et humoris pontici et terrestris
dissoluuntur ac digeruntur tanto dulciorem
saporem et convenientiorem accipiunt. Igitur
ad maturitatem perfectam plus accedunt fru-
ctus aut accedit ad maturitatem quam alius
in ramorum summitatibus [illegible] et calore
radiorum solarium digeruntur. Sed antequam veniant
maturitatem non semper est mutatio coloris
viridis et terrestris in colorem pallidum vel
rubeum. Est et mutatio saporis insipidi
pontici aut acidi in saporem suavem
gustui atque dulcem, immo [illegible] nascuntur
fructus sed virides. Sed quanto tendunt ad ma
turitatem [illegible] calorem in substantia fructuum
coloris mutant pariter et saporis, tanto
etiam sunt molliores et in substantia lassiores
quo [illegible] vi caloris terrestri duri
tia et [illegible] aquea vel aerea
maturitati sunt propinquiores et ideo
probatur fructuum maturitas non solum
per visum quo ad colorem verum solum per
gustum quo ad saporem verum etiam per
tactum quia quando pressi digito tactui cedunt
et sensui efficiuntur [illegible] ut
dicit ysaac in dietis. ¶ Fructus etiam arborum
crescentium in montibus sunt duriores et sa-
pidiores et [illegible] quam illarum que in val-
libus sunt crescentes, et hoc accidit propter
dulcedinem et claritatem aeris temperatam quibus scilicet in
montibus [illegible] nutrimentum, ut dicit
[illegible] ut patet [illegible] quere de diversi-
tate arborum quo ad fructus. ¶ Sunt
autem quidam fructus primo dulces et sapidi
sed post efficiuntur pontici et amari [illegible]
[illegible] ut dicit [illegible] tales fructus [illegible] si
non sint [illegible] corruptibiles, sunt tamen
aliqui medicinales et utiles. ¶ Fructus
autem dulces ut dicit ysaac in 4° [illegible] qua
litatibus sunt temperatiores et aliis [illegible]
[illegible] et calidiores ceteris [illegible]

Fructus non frigidi sunt et ponticitatis durescunt
et stiptici ac oppilativi sunt constrictivi
stomachi [illegible] et appetitus excitati-
vi maxime si comesti fuerint a jeju-
nis sed post prandium sunt stiptici confortativi
orificii stomachi [illegible] cibum [illegible] stiptici
ad inferiora et movent saepe solutiones [illegible]
si fuerint fructus acetosi ex aquositate non
digesto et terrestri [illegible] acetositate pollet
extinguit sitim mitigant stomachum con-
fortant humores [illegible] dissolu-
dividit et depellit [illegible] non conveni-
ens lignum confricantes [illegible] totum corpus.

¶ Fructus vero insipidi in quibus dominatur
aquosa humiditas ceteris minus sunt laudabiles
quia stomachum non juvant sed abhominatio-
nem et fastidium generant. ¶ Fructus
itaque si bene maturi fuerint valde sunt
boni et sanguinis si non fuerint putridi vel
vermiculosi humore vel corrupto aere non
infecti tales fructus in loco sicco et nudo
melius et diutius custodiuntur et maxime
si in feno vel in palea contegantur ut
dicit plinius. Nam in terra in loco hu-
mido citius corrumpuntur. Item fructus ma-
turi citius facilius cadunt de arbore quam
non maturi et facilius de nocte quam de die
quia nocturno rore sunt perfusi fiunt [illegible]
[illegible] ponderosi et ideo ad casum magis
proni. Hec de fructibus dicta sufficiant
quia de multis de fructibus sunt supra
dicta in tractatu de arboribus in generali
sunt dicta quere supra.

De germine

Germen ut dicit ysy. est proprie
surculus a gerendo dictus id est
germinatio nam in arboribus germen hoc
modo [illegible] naturalis et [illegible]
etiam viget et operatur calor naturalis et quasi
sit medium [illegible] in substantia [illegible]

[illegible] in effectu nam [illegible]
et transit in substantiam germinis [illegible]
sunt in germine et virtute [illegible]
[illegible]
illud itaque germen [illegible]
arboris [illegible]
naturalis qui in medulla radicis [illegible]
radice humorem sibi [illegible]
[illegible] sibi [illegible]
[illegible] illud calor [illegible]
et aeris [illegible]
[illegible]
[illegible] in radice [illegible] non cessat [illegible]
[illegible] dilatatio in germine quousque ad
debitum veniat complementum. Calor itaque
celestis [illegible] ad medullam radicis [illegible]
[illegible] et [illegible]
ad se [illegible] ac congregat et [illegible]
[illegible] per subtilitatem et porositatem [illegible]
sensibilem educit [illegible] in substantiam germinis
[illegible] ut dicit [illegible]
[illegible] ¶ Contrahit autem
[illegible] ut nigrum et
rubrum [illegible]
[illegible]
[illegible] et opera-
[illegible]
[illegible] color eius [illegible]
[illegible] rubeum atque nigrum [illegible]

¶ Est autem germen principium [illegible]
frondes flores atque fructus [illegible]
[illegible] frondes mutuo se [illegible]
quos fiat ne [illegible] in sua
[illegible] ¶ Contra vero [illegible]
[illegible] a frigiditate et [illegible]
ab exteriori nocumento tutella [illegible]
[illegible] ¶ De facili vero [illegible]
[illegible] ex grandine ex vento et [illegible]
[illegible] noxio et infectivo et ideo contra
huius nocumenta [illegible] floribus [illegible]
quasi [illegible] floribus [illegible]
[illegible] ¶ Ceteris itaque [illegible]

[illegible] terre et [illegible]. Nam omnia terre virentia
[illegible] omnibus mutantur species et figuram
[illegible] mutant [illegible] renovat pro-
[illegible] minstrat [illegible]
[illegible] producunt que germina [illegible] de-
[illegible] hoc habet.

De gramine

Gramen est agrestis herba ab eo quod ger-
minet sic vocata ut dicit ysi. [illegible]
[illegible] calore et humore terre omnes herbe ger-
minant [illegible] calore terre superficiem penetrat
[illegible] magis attrahit et in radicibus
[illegible] calore intra se [illegible]
[illegible] virtutem [illegible] et terre ad
[illegible] attrahit [illegible] sibi [illegible]
[illegible] attrahit et querit. Et quod sibi [illegible]
[illegible] est superfluum ad germinandum
[illegible] foliorum germinandum transmittit
[illegible] multiplicatur [illegible] huius
[illegible] radices multe et diffuse sunt germi-
[illegible] et habent productiones [illegible]
[illegible] et totus [illegible] superficie [illegible] gramina
et flores [illegible] superficiem vestiunt. Et
[illegible] radices gramina inferius per profunditatem
terre diffusius [illegible] gramina [illegible] suos et
folia in terre superficiem [illegible] dilatantur [illegible]
[illegible] gramina [illegible] germinans
[illegible] multiplicat [illegible] et [illegible]
[illegible] in [illegible] mittunt [illegible]
[illegible] producunt in semen et [illegible]
[illegible] facile et suavem [illegible]
[illegible] et virorem ut dicit plinius. Ex situ autem
terre ubi crescunt et ex qualitate humoris
quo nutriuntur diversas qualitates et virtutes
[illegible] sortiuntur ut dicit plinius [illegible] et ideo
super librum vegetabilium [illegible]
[illegible] herbe
et gramina [illegible] omnia in terra nascentia
diversas [illegible] efficacias et virtutes ut
dicit plinius. Constantinus et ysaac [illegible] in [illegible] de [illegible]
[illegible] gramina [illegible] super locorum
[illegible] sunt [illegible] et [illegible] quam
gramina vallium seu pratorum. Ita tamen quod sunt
omnibus [illegible] et dulciora salubriora
et [illegible] in paludibus [illegible]
[illegible] sunt pinguiora et diffusiora

et dulciora sunt [illegible] que montibus [illegible] locis al-
[illegible]. Nam ut dicit Constantinus et [illegible]
ysaac herbe palustres [illegible] sunt [illegible]
nam aquosum [illegible] se a
[illegible] dissolvunt inflammationem [illegible]
in desertis [illegible] in quibus [illegible]. Est autem
regula ut dicit ysaac quod [illegible]
[illegible] cuius radix [illegible] herbas [illegible]
[illegible] semen non est [illegible]
semen nutrit cuius radix non nutrit
[illegible] ut dicit paladius. Gramen sunt [illegible]
aspectu gratum et [illegible] in pastu gratum
[illegible] sit [illegible] in effectu [illegible] sicut in
radicibus sit in [illegible] multiplex virtus
[illegible] aestivum tempus pluviosum
[illegible] et [illegible] diligit et in roris ac ymbris ha-
bundantia in locis [illegible] se diffundit
et [illegible] vento boreali et [illegible] desiccat
[illegible] et marcescit ut dicit beda [illegible]
[illegible] gramen dicitur quedam herba [illegible]
[illegible] virgas nodosas [illegible] super terra et folia
lata aliquantulum et acuta. Cuius radix nodosa
est et dulcis et hanc herbam [illegible] alia animalia
[illegible] comedunt et [illegible] cuius virtus
est [illegible] et [illegible] [illegible] ventris
[illegible] renum et vesice sanativa dolorum
splenis mitigativa. Hanc herbam [illegible]
et illa comedunt cum se purgare volunt
[illegible] ut dicit plinius. Ita hoc faciunt [illegible]
[illegible] ad humana [illegible]

De galbano

Galbanum est herba cuius succus gal-
banum dicitur et est herba in [illegible]
[illegible] ut dicit ysi. li. 17. [illegible]
autem herba in estate et [illegible] lacri-
ma que recolligitur et desiccatur. Illud autem
galbanum est optimum quod est [illegible]
et [illegible] sit [illegible] et est
[illegible] in colore [illegible] grana [illegible] et
[illegible] est minus [illegible] ut dicit
plinius [illegible] estate desiccatur et [illegible]
[illegible] et [illegible] et calida [illegible] in 2o
gradu et humida in 1o ut dicit [illegible] sophisterus

[illegible] galb

ut cum pulvere [illegible] et [illegible]
[illegible] ablat[illegible] ab [illegible]
galbano [illegible] Galbanum
[illegible] dissol
[illegible] rellaxandi et
[illegible] Fumus etiam eius [illegible] et
serpentes [illegible] et oppilationes [illegible]
sanat [illegible] menstrua et [illegible] et
[illegible] purgat [illegible] pilulis galbani
lumbricos necat et ventris dolores fugat
[illegible] eius [illegible] spiritus [illegible]
nosa eius fumositas [illegible] ut dicit dyas.
plinius et plat. [illegible] galbanum
debet poni in [illegible] a super
fluis mundari. [illegible] in testa
debet liquefieri et in aqua [illegible]
et quod purum est super enatat [illegible]
le est corticis et lapilli [illegible] residebit
Dyas tamen dicit quod in aqua [illegible] galbanum
debet poni et quod petit fundum colligi [illegible]
aut super enatat ut corticis et huius [illegible]
amoveri

De gutta armoniaca

Gutta admodum galbanum est cuiusdam
herbe vel arboris lachrima que alio nomine
dicitur armoniacum. Illius aut arboris vel her
be ramusculi dulces retinens ab mollesing
dum [illegible] et gutta que sud distillat gutta sive
armoniacum a medicis nuncupatur. dicit
ysa. plinius [illegible]. Istius gutte species est illa
nobilior que [illegible] est et purior et [illegible]
re [illegible] commixtior que [illegible] debet
esse candida et pinguis [illegible]
[illegible] frangit apparet splendidum interius
et gummosum ut dicit plinius et dyas. Et [illegible]
odorem [illegible] castoreo et saporem subamarum
aliquantulum sive acrem. Est aut calida
gutta in 3° gradu et sicca in [illegible] [illegible]
[illegible] dissolvendi et rellaxandi ut dicitur
in plateario. Cum vino [illegible] potatur [illegible]
[illegible] splenetico [illegible] et asperitates
et [illegible] mitigat [illegible]
[illegible] contra [illegible]
et [illegible] passione [illegible]
multum [illegible] provocat et [illegible]

purgat [illegible] tumores [illegible]
[illegible] ut dicit [illegible]
et gutta [illegible]

De gariofolis

Gariofoli ut dicit dyas. [illegible]
[illegible] saporis et [illegible]
[illegible] et sicci in [illegible]
in 3° gradu [illegible]
magis [illegible]
[illegible] arboris in india [illegible]
tempore colliguntur [illegible]
annos [illegible]
in loco suo [illegible]
debent [illegible] in [illegible]
[illegible] et in [illegible] Alligan
[illegible] qui in [illegible] aliquantulum [illegible]
[illegible] qui [illegible] saporem et [illegible]
[illegible] et qui ex [illegible] unguis
aliquid [illegible] sophisticantur [illegible]
[illegible] duo gariofoli [illegible]
[illegible] et [illegible] De quo con
[illegible] et [illegible] qui in [illegible]
[illegible] magis [illegible] aliquid [illegible]
[illegible] magis est in [illegible] in [illegible]
[illegible] sophisticari non possunt [illegible]
dicis [illegible] Valent aut boni gario
foli [illegible] et aromatizantur
sua et [illegible]
sui confortant [illegible]
[illegible] Valent etiam contra defectum cordis
que multum confortant [illegible] spiritualem Va
lent etiam contra indigestionem [illegible] et dolorem
ex [illegible] et [illegible]
[illegible] naturam [illegible] dyas.

De genesta

Genesta que et [illegible] ab ama
ritudine dicitur eo quod eius [illegible]
est amarus Est arbustum [illegible]
[illegible] Cuius [illegible]
[illegible] et [illegible]
[illegible] est Habet aut ramos multos graciles
duros et nodosos [illegible]

[illegible] et turiolatos granis odorem [illegible] maxime sunt utiles [illegible] flos et flos eius collecta [illegible] compescit dolorem dentium [illegible] stringit fluxum constrictiva [illegible] et pediculos et lendines suis [illegible] primit. Semen facit amarum et nigrum [illegible] diversis longitudine moris quod [illegible] foliculorum vitis vel piri rotundum [illegible] ad uberta

et grani [illegible]

De grano in generali

Granum ut dicitur in medicina secundum sanctum [illegible] veteres phisica distincta specialis et diversa. In quolibet autem grano est vertex et medulla in qua viget virtus seminalis et ex grano terre commisso possit produci planta. Unde in quolibet grano est velata potentia quam natura [illegible] qua possit fieri planta qua mediante sua species multiplicatur et in esse specifico conservatur. In grano quamvis sit modicum in substantia et medulla, magnum tamen est intus virtus seminalis efficacia et virtute. Et sic grana differunt in specie sic et differunt per figuram situm et dispositionem. Unde dicit Aristoteles in primo libro de plantis: grana nigra et semina alia nascuntur in plantis sicut siliqua et semen cuiusdam herbe [illegible] et [illegible]. Alia nascuntur in siliquis et foliculis ut faba et alia legumina. Et alia in sua [illegible] emittuntur, ut semina porrorum et pomorum et [illegible] habent grana et semina in textura et calami [illegible] textam ut nux et oliva. Grana autem ordinata in siliquis et foliculis variantur multipliciter. Quedam habent grana sua duplicata in siliqua sua sicut accidit in celidonia que est herba valens ad oculos, et quedam que faciunt grana in foliculo clauso ut faba pisa et [illegible] cicer et spelta cum siliqua. Quedam autem non faciunt grana sua in aliquo foliculo nec grana [illegible] sed paleam suam que continet [illegible] granum suum. Et quedam grana sunt duplicata per ordinem. Aliqua pariunt in siliqua sua ut grana celidonie. Et quedam sunt duplicata mediante pariete ut patet in granis nasturcii et quedam triplicantur per ordinem in diversis cellulis eiusdem foliculi,

ut patet in [illegible] in cuius fructu sunt tres celle et in qualibet cella tria grana vel quinque sunt. Pariunt aliquo sunt [illegible] et quedam est inter grana et grana paries lignosus sicut [illegible] et fistula. Aliqui paries carnosus ut patet in [illegible] et cucurbita et quedam inter grana sunt parietes diversi generis et diverse speciei ut accidit in malogranato in quo sunt quedam parietes carnosi inter grana et grana [illegible] et quedam celle [illegible] carnosi sunt inter grana et grana. [illegible] sicut differunt grana inter se in [illegible] etiam in figura. Habent enim quedam formam rotundam, quedam piramidalem et [illegible], quedam triangularem ut vel [illegible] latere scissa ut patet in grano tritici et in consimilibus rotundis aut sicut celle [illegible] grana per interioris medulle et radicis [illegible] conservationem. Huiusque Aristoteles.

De git legumine

d. git leg

Git genus leguminis sive semina quatuor [illegible] nigri coloris et in parte spargitur dulcoratur ut patet glosa super Ysaya 28°. Git est herba calida et sicca in 2° gradu que inter [illegible] nascitur, huius semen nigrum parvum et quasi triangulum diureticum et amarum. Huius virtus dissolvendi et consumendi, oppilationes etiam splenis et epatis dissolvendi virtute et aperiendi et ventositates expellendi et vincendi inflatas sedandi et [illegible] fluxum restringendi et lumbricos ventris [illegible] necandi. [illegible] dicunt esse nigra [illegible] in aceto [illegible] aureum si in auribus tepida instillatur [illegible] si cum [illegible] et semine lini et [illegible] in vino [illegible] contra lepram [illegible] si cum [illegible] et [illegible] apponatur [illegible] provocat et [illegible] si [illegible] suffumigetur contra [illegible] et passionem illarum [illegible] in quo [illegible] nigella infusa fuit [illegible] minus violenta efficitur. Nam ut dicit Constantinus nigella multa [illegible] a persona [illegible]

De ilice

Ilex ilicis est species quercus arbor scilicet glandifera et dicitur ab elligo elligis pro [illegible] ut dicit ysy. li. 17. huius arboris fructum homines primo ad usum invenerunt quibus enim [illegible] esset usus antequam glandibus vescerentur honorabiliorque judicatur ilex cuius fructus ut dicit plinius li. 16. multas refficit nationes et [illegible] quam ilex profunda grossa et profunde radices solidissimum lignum et et [illegible] durissimum et spississimum [illegible] multa ramositas et rami [illegible] umbrosi sunt et quo ad fructus [illegible] non modicum frigiditatis. lignum scilicet eius forte est et durabile ymo fere imputribile. Nam eius truncus in profundo sub aquis depositi in lapidibus solidentur [illegible] tunc et [illegible] per longiora secula in talibus locis [illegible] [illegible] tanto amplius indurantur [illegible] talia ligna deorum templis et regalium edificiorum structuris erant apta ymo propter [illegible] solubilem ligni maiorum ex ilice deorum simulacra sepius sculpebant ut dicit plinius.

De Junipero

Juniperus ut dicit ysy. est arbor sic dicta apud grecos quod ab amplo in augustum [illegible] sicut ignis uel quod [illegible] diutius ignem servat adeo ut si prunis ex eius cinere fuerit copertus usque ad annum ut dicitur nullatenus extinguuntur. Unde juniperus quasi ignis [illegible]. Juniperus autem alia est arbor magna alia parva ut dicit ysy. li. 17. Et utraque est arbor aspera atque arculata folia habens multa gracilia et acuta et utraque est fructifera sed parva magis multa eius sunt grana parva et rotunda [illegible] efficiuntur quasi purpurea uel sub rubea quamvis plenarie sunt maturata fructus et folia [illegible] [illegible]. Est arbor calida et sicca in 3.o gradu ut dicit dyas. cuius fructus [illegible] medici qui in uere colliguntur et per biennium reservant [illegible] dissolvendi [illegible] et [illegible] fluxum ventris [illegible] [illegible] aqua [illegible] [illegible] habuerit et [illegible] juniper oleum [illegible]

efficacissimum contra quartanam [illegible] pondus unius dragme uel [illegible] valet etiam contra ylliacam passionem [illegible] si partes dolentes fuit [illegible] et radices [illegible] lapidum [illegible] [illegible] tale oleum [illegible] est fistula subtilis cum qua [illegible] in [illegible] decoctionis [illegible] cum floribus [illegible] prius [illegible] et [illegible] tollit huiusque plante et [illegible] in locis [illegible] et [illegible] serpentes [illegible] fugiunt [illegible] ut dicit [illegible] et [illegible] eius [illegible] dicitur [illegible]

De ysopo

Ysopus est herba brevis et [illegible] [illegible] radices [illegible] ut dicit [illegible] [illegible] dyas. dicit calidam esse et siccam in 3.o gradu huius virtus consistit in floribus et in foliis [illegible] uel radice [illegible] [illegible] floribus [illegible] colligi [illegible] loco umbroso [illegible] non fumoso [illegible] [illegible] [illegible] dissolvendi attrahendi et mundificandi pulmonem et [illegible] pectoris [illegible] [illegible] et [illegible] si cum floribus [illegible] in vino [illegible] [illegible] dolorem [illegible] tollit [illegible] aqua decoctionis eius a superfluis [illegible] mundificat et abstringit. herba ysopi in testa calefacta [illegible] supposita [illegible] frigidum [illegible] et [illegible] [illegible] et dolorem [illegible] tollit dicitur autem hic ysopus et hec ysopum a quibusdam auctoribus et [illegible] a quibusdam producitur dicit [illegible] in aurora. Est humilis petris [illegible] radicibus [illegible]. Et [illegible] ysopus pectoris herba [illegible] [illegible] ut dicit alanus li. 4.o [illegible] [illegible] ysopo [illegible] in [illegible] [illegible] dicit pectoris herba [illegible] ysopus [illegible] ad [illegible] [illegible] ysopus. Autem [illegible] [illegible] ista herba [illegible] modica

Nota de ysopo [illegible] pulmonis [illegible]

[illegible] ut dicit plinius [illegible] ipsius [illegible]
[illegible] in diebus [illegible] [illegible]
[illegible] castrando [illegible] [illegible] [illegible]
[illegible] patre [illegible] et [illegible]
[illegible] [illegible] eius pulvis contra
[illegible] tumorem [illegible] et colore [illegible]
[illegible] dolorem dentium mitigat
[illegible] aurium sedat [illegible]

De Jacincto

Jacinctus est herba nascens [illegible] flores
purpureos [illegible] dicit [illegible] puero
[illegible] nobili [illegible] in pratis in flores pur-
pureos mutatum est mortuum [illegible] adhuc
nomen herbe [illegible] pueri. Est autem similis bu-
lbo in floribus et radice ut dicit ysidorus libro 17.
Cuius nomen [illegible] et colorem [illegible] quidam
lapis preciosus qui inter xij lapides [illegible]
[illegible] in apocalipsi [illegible] [illegible]
[illegible] est [illegible] lapides [illegible] flores [illegible]
[illegible] [illegible] [illegible]
purpure [illegible] colorem sanguinis [illegible]
[illegible] [illegible] [illegible]
[illegible] fuit vestimenta sacerdotalia.

De Jusquiamo

i. jusquiamo

Jusquiamus quem a latinis [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] formata in figura [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] ut dicit ysidorus libro 17. [illegible]
[illegible] [illegible] [illegible] [illegible] folia
[illegible] herba insana [illegible] usus
eius est periculosus. Nam si edatur vel bibatur
insaniam facit vel sompnum [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] quia [illegible] ut dicit ysidorus.
[illegible] [illegible] herba [illegible] semen
nigrum rubeum album ut dicit plinius et dyascorides.
Nigrum pessimum est et mortiferum rubeum
est [illegible] [illegible] album [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] semen

nigrum [illegible] folia nigra aspera et dura et flores
purpureos et folliculos duros et spissos.
¶ [illegible] semen [illegible] flores [illegible]
nos et folliculos molles albos et folia mol-
lia et pinguia [illegible] plena et est [illegible]
in 3° gradu et [illegible] tumores [illegible]
[illegible] [illegible] stringit et fluxum sanguinis [illegible]
[illegible] dolorem dentium [illegible] folia [illegible]
[illegible] [illegible] dyascorides et plinius.
De semine [illegible] jusquiami dicit [illegible]
libro vegetabilium semen belenj .i. jusquiamj
quod est mortiferum apud parthos in [illegible]
est [illegible] [illegible] quo patet quod eius maliciam
et [illegible] et bonitatem terre ubi cre-
scit vel malicia diminuitur vel augetur.
¶ De jusquiamo etiam dicit magister in ystoria
super [illegible] quod in tyara sive corona summi
pontificis stabat flos [illegible] similis herbe
que [illegible] jusquiamos dicitur magnitudine
[illegible] digiti sub illo autem flore in [illegible]
tate tyare [illegible] et [illegible] cir-
culus aureus [illegible] ordine distinctus
super quem stabant flores aurei similes plan-
taginis a tympore ad tympus. [illegible]
in hoc fuerat privilegiata ista herba quod
[illegible] similitudo in tyara sacerdotis summi
mereretur et figurari.

De kastanea

i. castanea

12. Kastanea est arbor magna et greca
a grecis sic vocata ut dicit ysidorus libro 17.
eo quod fructus eius geminum in modum testi-
culorum intra folliculum gestet [illegible] qui du-
[illegible] et ideo tales arbores a castrando
kastanee greco vocabulo nuncupantur.
Hec arbor ut recisa fuerit tamquam silva re-
pullulare consuevit ut dicit ysidorus. Hec ar-
bor est multum utilis nam eius lignum bonum
ad edificiorum structuram ad ignem [illegible]
Eius fructus [illegible] ad cibos et cortex
et folia ad medicinam. ¶ Fructus sic [illegible]
[illegible] habet [illegible] aspero et duro
in arbore [illegible] maturus

exhibitur dulcis fumus potissime quando
decoquitur vel assatur. Sunt dicit secundum ysa-
ac datur calidus in medio primi gradus et sic-
cus. Et ideo ratione caloris et dulcedinis
ratione non siccitatis et ponticitatis. Castanee
tamen nimis comeste sunt sufflative
et dolorem capitis per fumum vehementer gra-
vatur. Et ut ab eis nocumentum auferatur
oportet quod vel assentur vel circa prunas coquantur
vel perforatas [illegible] vel ut in dulci
aqua decoquantur ut ex eo durities et molities
temperentur. et tunc bene nutriunt et lauda-
biles humores generant. pectoris et corporis
siccitatem temperant et [illegible] si cum zucaro
comedantur a coleris et a flatibus cum pu-
ro melle valent etiam secundum medicinam contra
abhominationes et vomitus sunt stiptice et
[illegible] confortative. Item castanea
cum modico sale tere cum melle su-
perposita rabidi canis vel hominis morsus sunt
optime sanatur. Item cum farina ordei
et aceto cathaplasmate tumoris mamillarum
sunt efficaciter expressive. Item cortex corticis
et folia usta et pulverizata ac cum vino
temperata et capiti adolescentium in modum
cathaplasmatis apposita augmentant ca-
pillos et prohibent eorum casum. hec omnia ysa-
ac dicit.

De Lauro

Laurus est arbor victorialis digna
multis laudibus preconiis propter singula-
ritatem sue excellentie et virtutis propter quod
et victores quondam obtenta victoria capitis lau-
ris coronati laureati dicebantur quia [illegible]
dampnum notat. Cuius virtutes et singulares
proprietates supra posuimus in hoc eodem libro
in littera d. quere ibi et invenies.

De lentisco.

Lentiscus est arbor humilis et medio-
cris que a grecis et ebreis scinus alio no-
mine appellatur ut dicit [illegible] libro
13. Cuius foliorum succus sanat et con-
tinuat fissa labia sive alias ulceratas

ut de sambuco. Et de lentisco quod cuspis
mollis sit et lenis. Nam quod molle et fle-
xibile lentum dicimus conferimus ut ysidorus
libro 17. Istius arboris succus plus valet
et cortex resina que mastix appellatur
et est melior que in [illegible] insula [illegible]
ut dicit ysi. et plinius libro [illegible]. Folia istius ar-
boris secundum dyas. et plat. et pli. [illegible]
[illegible] sunt et habent [illegible]
constringendi consolidandi et confortandi.
Et ideo valent contra vomitum et [illegible]
tam sanguinis quam aliorum humorum. Siles vero
hic dicit [illegible] mastix a mastico
sic dicitur eo quod masticata efficitur glutinosa
et dura admodum cere [illegible] dure. Et sic
masticata gingivas a putridis humoribus pur-
gat. dentes mobiles confirmat et dealbat
et oris [illegible] roborat ac confortat [illegible]
[illegible] malum amputat et rubedinem. Mastix
sic colligitur in fine [illegible] [illegible]
[illegible] incidunt et modificata terra [illegible]
[illegible] supponitur ne lignorum [illegible]
in terra cadat. Vnde est clara est et modo
[illegible] alba [illegible] eligenda que [illegible]
[illegible] et est obscura est abiicienda.
[illegible] et [illegible] et multum
[illegible] facit virtute digestiva confortat
et [illegible] [illegible] super
[illegible] omnia [illegible]
alia omnia [illegible] modo consolidat. Sicut
et plinius dicit et dyas. Cuius est arbor [illegible]
spinosa cum radice alta in plerisque partibus di-
versas fructus habens [illegible] minor
[illegible] quod est maturus et [illegible]
[illegible] Cuius succus sanat fluxum
[illegible].

De lilio

Lilium ut dicit ysy. est lacteus flos
herba cuius candor est sic in foliis
aurea [illegible] fulget. De lilio ut dicit
dyas. et plat. lilium calidum est et humidum
et aliud est silvestre aliud domesticum et
aliud gerit purpureum florem et aliud al-
bum quod efficacius est et ad [illegible] vel

[illegible] est aut(em) virtus lilij maturativa [illegible] contra duritiem splenis [illegible] [illegible] admixto et bene [illegible] [illegible] [illegible] fumigat. Item est [illegible] [illegible] [illegible] unde valet ad [illegible] [illegible] si pulvis eius cum aqua [illegible] [illegible] vel [illegible] [illegible]. [illegible] est mitigativa et [illegible] folia [illegible] et [illegible] valet ad loca que sunt [illegible] [illegible] [illegible] radix eius trita cum oleo apponatur. Item virtus eius est appetitiva et [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible]. Item virtus [illegible] [illegible] [illegible] et [illegible] valet [illegible] [illegible] [illegible] [illegible] radix eius trita cum oleo sepius apponatur. ¶ De lilio aut(em) dicit plinius [illegible] lilij radix multis modis nobilitatur [illegible] [illegible]. Nam potata cum vino [illegible] [illegible] [illegible] et valet contra [illegible] [illegible] [illegible] [illegible] [illegible] in vino decocta [illegible] clavos pedum et nodos [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] addito melle [illegible] [illegible] [illegible]. Folia eius cocta in vino [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] et folia [illegible] [illegible] [illegible] [illegible] plinius libro [illegible]. Item [illegible] libro et [illegible] de lilij [illegible] nobilitate proxima est et quedam [illegible] [illegible] [illegible] [illegible] nobile [illegible] [illegible] [illegible] appellatur [illegible] et [illegible] [illegible] [illegible] [illegible] radix eius procedit hasta [illegible] [illegible] [illegible] [illegible] ab [illegible] [illegible] flos [illegible] ab [illegible] in latitudine se [illegible] et dilatans [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] in se semen [illegible] in medio [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] operis et virtutis. Cuius color est triplex albus rubeus et purpureus [illegible].

plinius libro [illegible] [illegible]. [illegible] aut(em) lilium radix ex multis bulbis consistit [illegible] [illegible] sicut dicit [illegible] [illegible] [illegible] [illegible] singulis bulbis est [illegible] [illegible] et ideo [illegible] [illegible] [illegible] [illegible] planta [illegible] se plantatur de hoc [illegible] [illegible] in [illegible] libro de aloe in [illegible]. ¶ [illegible] [illegible] [illegible] [illegible] hasta lilij que nodosa est si [illegible] [illegible] et [illegible] [illegible] apparet semen [illegible] et radix [illegible] [illegible] [illegible] [illegible] [illegible] nodo stipes emittit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] bulbis [illegible] [illegible] radix [illegible] [illegible] valet est. Item [illegible] [illegible] [illegible] lilij [illegible] [illegible] [illegible] et post [illegible] [illegible] si stipes sive hasta a radice totaliter abscidatur. Quia totus humor stipitis et inclusus calore naturali [illegible] [illegible] ad superiores partes stipitis et [illegible] [illegible] ipsius floris et [illegible] expandit se ut dicit [illegible]. ¶ [illegible] [illegible] [illegible] lilium [illegible] [illegible] qui in fine [illegible] de [illegible]. Item [illegible] [illegible] lilium non habet virtutem [illegible] nisi in semine et radice et in hoc differt a porro et ab aloe [illegible] [illegible] [illegible] in multis locis de hoc [illegible] supra de aloe et [illegible] in [illegible]. Lilij [illegible] hasta [illegible] cum flore abscissa [illegible] [illegible] in fine [illegible] [illegible] et [illegible] florum [illegible] flos lilij [illegible] [illegible] et [illegible] [illegible] multum suavitatis [illegible] [illegible] [illegible] et [illegible] multum [illegible] ipsius [illegible] floris cum semine solum [illegible] habet totam etiam virtutem quam habet lilium in stipite et in radice tota [illegible] et in capite [illegible] in semine et in flore. Et quo flos ipsius altius in hastili [illegible] tanto capud submissius inclinatur. Flos [illegible] eius [illegible] est planus suavis tactu et forma rotundus aspectu delectabilis et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] plus quam [illegible]

Et hec unguenta grana septem hastulis sub-
strata unde ex sex foliis candidissimis sil
giriis componitur et septem granis aureis
decoratur, in quorum medio semen eius quasi
fructus oro fiunt miro modo colloratur
et circumexpansis floribus huius curcitudo
seminis a lesione frigidi aeris custoditur

Lactuca

## De lactuca

Lactuca ut dicit ysi. xv. a lacte hu-
moris habundantia est vocata vel
quia infantibus mulieres lacte implet
sed in brevi tempore ... arcet. Cuius duplex
est species s. domestica et agrestis quam ser-
raliam dicimus ... cuius cauliculos
habet duros ad modum ... ut dicit ysi.
li. xvii. ca. ultimo, et quam dicit ysi in dict.
Lactuca silvestris domestice in forma
sed longiores habet frondes et subtiliores aspe-
riores et minus virides propter sui humidi-
tatis parvitatem et ideo multe est amaritudinis
et ponticitatis sic dicitur. Illius quod
domestica est quia maioris est caloris et
etiam siccitatis. Et ideo multi dicunt quod men-
strua provocat et humores crudos ex-
pellit ut dicit dyas. Lactuca vero dome-
stica frigida est et humida sed temperata quia
in neutra qualitate excedit modum. Et ideo
eius usus competit essen et est medicinalis.
Subtilem habet speram et maxime quando est
cocta et ideo cito digeritur in stomacho estuantem
et morsuram ex colera rubra sedat sanguinis
ebullitionem refrigerat insompnietatem
placat capitis dolorem ex fumo colerico sanat
lac in mulieribus multiplicat et sperma
in viris generat et augmentat et hoc
accidit propter bonitatem sanguinis quem generat
in perfecta et imperfecta etiam qualitate. Sed quando
antiquatur et induratur minuitur eius
humiditas et amaricatur. Unde ex eius usu san-
guis pessimus generatur in oculis visus hebe-
tatur vel debilitatur. Cuius semen sensus
animales mortificat est quod in sua potentia
sensum suffocat natura sicut tale lactuca
ingrare volentibus magis est nociva. Nam
maius coagulat et coagulat ... 
et propter semen eius si in ... pone
spermis apponatur ... ysi
li. xxi ca. viii. dicit et lactuca ... species
lactuce sponte nascentis ... 
vocant quia purgata in ... 
mittunt pisces qui sunt ... 
lac cum aceto aqua et vino ydropi-
morum cuius caulis et foliis ... 
sale ... sanantur. Alia est species
lactuce que nascitur in arvis cuius folia tri-
ta cum polenta et illinita ulcera sanant.
Et hanc quidem assapon vocant. Tertia species
sit in silvis quam staton vocant cuius
folia trita cum polenta vulneribus
profluvium sanguinis sistit et pascentia vulnera
sanat et cum radice et foliis mitigat
tumorem sanat. Est etiam alia species lactuce
huius folia rotunda et brevia quam multi
ezarleam vocant. Cuius succum accipitres
scalpendo herbam extinunt et inde tinguen-
tes oculos discutiunt obscuritatem et ca-
liginem cum senserint. Cuius herbe succus
sanat omnia vitia oculorum et maxime quando
cum lac mulieris admiscetur et spermati mor-
sibus et scorpionum ictibus medetur si succus
eius cum vino potetur. Et folia trita
super ulcus emplastrentur, cum et inflationem
discutit et compescit. Tamen et lactuca tam
domestica quam silvestris libidinem ymagina-
tionis in sompniis compescit et corporis pollu-
tionem permittit si in cibo frequenter assumatur.
Frequens tamen nimius eius usus oculorum offi-
cium ... ac multas alias laudes et attri-
buit Plinius in eodem capitulo sed hec pro nunc
sufficiant

de lapa

## De lapa

Lapa est herba huius folia lata et
spissa. Spissa circa terram huius in
summitatibus quedam capitella spinosa
aculeata sed tenuia que vestibus transeuntium

soluit adherere. Ut dicit ysy. li°. lapa-
cium dictum eo quod tenaculum ingenitum per
[illegible] desiccationem [illegible] a quibusdam foliato
[illegible] eo quod vestibus hominum adhereat ob
asperitatem sui et dicitur a nasis [illegible] minor
[illegible] philantropos [illegible] amas homines [illegible]
[illegible] adherentie [illegible] vestibus hominum
[illegible] species est duplex [illegible]
[illegible] ad similitudinem [illegible]
[illegible] a multis vocatur [illegible]
[illegible] folia [illegible] et
[illegible] sunt odoris parvi et saporis
ut dicit dyas. [illegible] plinius li°. xx°. ca°. [illegible]
dicit quod lapacium [illegible] species et [illegible]
medicinales. Nam [illegible]
[illegible] ut faciat [illegible] quis [illegible]
[illegible] eius [illegible]
[illegible] et [illegible] in [illegible]
[illegible]
[illegible]
[illegible] et [illegible]
eius [illegible] vino [illegible] folia [illegible]
[illegible] sale soluit [illegible] eius [illegible]
tum [illegible] calculosos [illegible]
[illegible] valet [illegible]
[illegible] plinius [illegible] lapa-
cium [illegible] est herba calida et sicca
[illegible] dissolvendi et relaxandi
aperiendi et [illegible] valet [illegible]
[illegible]
[illegible]
[illegible]
valet [illegible] ydropisi [illegible]
[illegible]
[illegible]
[illegible]
[illegible] vel [illegible]

De lapacio

L Apacium est olus [illegible] herbis
[illegible] lapacium [illegible]

[illegible] aut [illegible] super [illegible]
ca°. xl°. [illegible] ait lapacium est cibus
et olus [illegible] alius [illegible] lapa-
cium est [illegible] folia [illegible]
[illegible] folia [illegible] sunt mollia et grossa sub-
albida et plana [illegible]
[illegible] et longa [illegible]
nodosum [illegible] et [illegible]
[illegible] herba [illegible] et medicine.
[illegible] cibus [illegible] qui dicitur sinapi
[illegible] cum aceto sinapi et melle
diligenter [illegible]. Et talis cibus vulgariter
[illegible] est [illegible]
[illegible] ut dicit plinius li°. [illegible]
ca°. [illegible] cibum [illegible]
[illegible] post [illegible] supra
[illegible] ut sedat et [illegible]
[illegible]. hec herba [illegible] est
[illegible] atque [illegible] et [illegible]
et [illegible] et [illegible]
[illegible] valet et eius succus ad [illegible]
[illegible] et similiter
[illegible] eius [illegible] valet [illegible].

De leguminibus

L Egumina ut dicit ysy. li°. 17°. a legen-
do sunt dicta quod electa eorum utriores
meliora legebant manu et inde sibi
cibaria [illegible]. Et dicuntur proprie quedam
grana tritico et ordeo maiora et spissiora
que non [illegible] sed potius in quibusdam
siliquis [illegible] et clausis oriuntur
ut patet in [illegible] ciceribus atque fabis. Differ-
unt autem legumina in magnitudine
colore figura et sapore. Nam inter legu-
mina maiora sunt grana fabarum et
lupinorum, mediocria sunt [illegible]
[illegible] lenticulas et [illegible]
[illegible] quedam alba quedam
nigra quedam [illegible] et [illegible] mixta.

In figura quedam rotunda quedam longa sive oblonga quedam triangula, et quedam plana differunt et in sapore quia quedam sunt stiptica et dura, sed per decoctionem fiunt meliora et ad esum utiliora. Et nonnulla in se sunt amara ut lupini, sed per diuturnam in aqua maceracionem efficiuntur dulciora et ut ait plinius legumina que [illegible] [illegible] cum [illegible].
Sicut et lupinum ut dicit plinius libro 18°. Est etiam leguminum [illegible] ad decoquendum durum [illegible] difficilius [illegible] ad coquendum ut etiam post [illegible] decoqui in aqua cisternali: immo ad perfectam decoctionem aqua fontana sive pluvialis [illegible] et grossus a leguminibus fieri est assuetus [illegible] fortioribus [illegible]. Nam leguminosa [illegible] ad digerendum sunt dura sed digesta multum nutriunt et confortant sed naturaliter sunt inflativa et ventositatis generativa, sed eorum ventositas diminuitur per corticis remotionem et etiam per eorum decoctionem et assationem, quorum ventositati sunt contemperativa appositione ut cyminum anetum et similia ut dicit dyas.

De lente

Lens vel lentis genus est leguminis ut dicit ysy. libro 17°. Sic dicta quia humida est et lenta potissime que est in sua herba, a qua diminutive dicitur lenticula, et debet scribi per t. ad differentiam lendis capitis, qui dicitur lens lendis capitis; lens lentis genitivo caret; Est [illegible] vel lenticula sicut dicit ysa. [illegible] et sic. [illegible] naturas [illegible]. Nam unam habet [illegible] in cortice aliam in medulla. In cortice habet quandam [illegible] rationem [illegible] cuius motus ventris [illegible] solutionem [illegible] stiptica est et sed confortat et [illegible] ad constrictionem grossior et [illegible] et medicinam [illegible] est cum [illegible] ventositatem [illegible] et [illegible] appillar [illegible] [illegible] sicut dicit [illegible] magis infirmis [illegible] et eius frequens usus [illegible] pessimas passiones potissime [illegible] et corpus [illegible] [illegible] et periculosas [illegible]. Est [illegible] facilior et hec tamen ad esum [illegible] medicina lentis [illegible] et eius medulla in duplici aqua decoquatur, et postea [illegible] cum oleo pipere et cymino ac salibus [illegible] ysa. in dietis dicit [illegible] libro 18° [illegible] 12°. Lens amat terram [illegible] et sabulosam [illegible] magis [illegible] diligit aquam ante florem sed post florem [illegible] diligit.

De lino

Linum tamen herba [illegible] et sic [illegible] ut dicit ysy. libro 17°. [illegible] plinius libro 19° [illegible] et sabulosis [illegible] producens flores [illegible] quibus succedunt quedam capitella [illegible] capitella

[illegible] cum parti [illegible] ut dicitur [illegible]

[illegible] et longo tempore [illegible]

[illegible] aqua [illegible] et post multis [illegible]

[illegible]

et maturatiua, unde dissoluit apta ma
teria est pati, et in eius decoctione sepius
fouetur ut dicit ysa. in diet.

De mallo .i. de pomo in g[e]n[er]ali.

Malla est arbor pomifera [illegible]
magna [illegible] lignea nemoris
[illegible] et solida [illegible]
[illegible] frondibus diffusa um
brosa floribus [illegible] fructibus
[illegible] visui et gustui gratiosa
[illegible] diuersis medicinis efficax et virtuosa
[illegible] malli pro pomi
[illegible] mallus dicitur ipsa ar
bor [illegible] sic dicta, eo quod
[illegible] fructus sit rotundus, unde et illa
[illegible] malla que maxime sunt ro
tunda ut dicit ysy. li°. 17°. Nam mallon
[illegible] rotundum dicitur latine. Differt
autem mallus ab aliis arboribus silue uel
nemoris [illegible] mallus et maxime domestica
dulcis est [illegible]. Nam [illegible] arbor [illegible] pro
ducta surculum uero alienum [illegible]
[illegible] insitum et in [illegible] que [illegible]
[illegible] insitioni paret sub unita [illegible]
arborum constituit, surculus autem [illegible]
[illegible] tota virtute [illegible] in suam trans
mutat qualitatem, sicut dicit Aristoteles
super [illegible] libro vegetabilium [illegible]
in [illegible] et arborum insitione, verum
[illegible] mallus autem nisi [illegible] et sup
[illegible] ramis exonuretur [illegible] deficit [illegible]
[illegible] quia humor attractus a radi
ce sufficit ad productionem fructuum
qui transit in ramorum sterilium [illegible]
[illegible] fructificatiuis
arbor est [illegible] mallorum autem diuersa sunt
genera [illegible] fructum ponticum atque
durum [illegible] dulcem
[illegible] et rotundum [illegible] fructum

diversitas ex diversa qualitate humoris procedit.
et debiliori vel fortiori operatione caloris in
stirpibus in radice sicut supra in principio tractatur.

## De mallo granato

Malum granatum est arbor fructus malla
granata arbor est cuius fructus est fru
ctus [illegible]. Et dicitur mallum granatum eo
quod intus [illegible] et rotunditatem granorum conti
neat multitudinem ut dicit ysi. li. 17. cuius
cortex dicitur [illegible] flos vero balaustia nuncupatur.
Florum autem alii sunt albi alii purpurei alii
rosei [illegible]. Hec poma mala punica
sunt dicta quia a regione punica primo venerunt. Plantatur
ut dicit ysy. Est autem arbor [illegible] dura et
nodosa et ramosa [illegible]
et defendunt, et est [illegible]
in [illegible] primo [illegible] flores eius. dicit
[illegible] quod malus granatus [illegible] malitia
sua per culturam. [illegible]
cultura. Huius arboris sunt [illegible]
sunt species sed duobus [illegible] sufficit
[illegible] ysaac in dietis. Mallorum
autem granatorum duo sunt genera. Alia enim sunt
poma dulcia [illegible] et [illegible] alia ar
cetosa [illegible] et [illegible] et [illegible]
post cenam dulcia magis conveniunt [illegible]
[illegible] medicinalis. Nam tota arbor medicinalis
est et [illegible] fructus eius ut
dicit ysi. li. 17. [illegible]
malli punica cibo [illegible]
putat quod plus conveniat medicamento quam
[illegible] alimento. Item sed [illegible] tota arbor et
potest [illegible] constringendi confortandi
et consolidandi et humores fluidos [illegible]
fluxum interrumpendi et vomitum [illegible]
[illegible] ut [illegible] dicit ysaac [illegible]
[illegible] more [illegible] et [illegible]
aut contra [illegible] passiones. dulcia [illegible] sunt [illegible]
aliis et [illegible]
[illegible]
quod [illegible] quorum [illegible]
[illegible] febrile [illegible]

febrile [illegible] et [illegible]
[illegible] ex calore [illegible]
et [illegible]
[illegible] cordiaca passione [illegible]
[illegible]
[illegible]
[illegible] passiones [illegible]
[illegible] Malla punica in [illegible]
[illegible]
[illegible]
et [illegible]
malla [illegible] et [illegible]
debilis [illegible]
[illegible] ut dicit [illegible]

## De moro

Morus mori arbor est cuius fructus
[illegible] ut dicit [illegible]
[illegible] est [illegible]
[illegible] eo quod fructus eius et [illegible] arbor
est [illegible] domestica [illegible]
[illegible] cuius fructus [illegible]
[illegible]
[illegible] fructus
[illegible] albus [illegible]
[illegible]
[illegible] est [illegible] natura est. Cuius
fructus [illegible] et [illegible]

Item [illegible] aut et [illegible] morus est arbor [illegible]
[illegible] cuius fructus
[illegible] et [illegible]
[illegible] et dul
[illegible]
[illegible] radicis [illegible] et [illegible]
[illegible] et [illegible]
[illegible] et [illegible]
[illegible] aqua pluviali [illegible]
[illegible] et [illegible]
[illegible] plagas
et [illegible] mora
[illegible] est et [illegible]
[illegible] plus maturant [illegible]

[illegible] [illegible] conuenit multum post prandium
[illegible] [illegible] et [illegible] et capiti
[illegible] [illegible] [illegible] uo accepta bene
[illegible] [illegible] [illegible] ualet pauc. ¶ Folia
[illegible] [illegible] sunt magna et lata [illegible] et
[illegible] [illegible] et arbusta uermibus corroduntur
[illegible] [illegible] [illegible] [illegible] [illegible] folijs opti
[illegible] [illegible] arbor medicinalis est propter
[illegible] [illegible] [illegible] folia [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
quod ualet ad [illegible] passiones. Nam
[illegible] [illegible] dolorem dentium tollit
[illegible] [illegible] [illegible]. Et [illegible] [illegible]
[illegible] qui [illegible] [illegible] [illegible]
[illegible] [illegible] potauerit [illegible]
[illegible] [illegible] dicit [illegible] [illegible] [illegible]
[illegible] fit etiam [illegible] [illegible] [illegible]
[illegible] quod ualet contra [illegible] et [illegible]
[illegible] et [illegible] passione. ut dicit [illegible].

## De mirto

Mirtus [illegible] [illegible] est dicta [illegible] in [illegible]
mare [illegible] [illegible] [illegible] [illegible]
¶ [illegible] mirtus est [illegible] et [illegible]
[illegible] mirto [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] hanc arborem
apta [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]. [illegible] plinius
[illegible] est arbustum admodum [illegible]
[illegible] [illegible] [illegible] [illegible] flores et
frondes [illegible] medicine [illegible]
[illegible] [illegible] flores et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] in aura [illegible]
[illegible] [illegible] folia [illegible]. Et [illegible] [illegible]
[illegible] [illegible] [illegible] tanto [illegible] [illegible]
[illegible] omnia [illegible] [illegible] [illegible]
[illegible] potum et [illegible] [illegible]
[illegible] in corpore [illegible]. [illegible]
contra fluxum [illegible] ad [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] apponatur [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] consolidat. [illegible]
[illegible] alia et [illegible] alia est [illegible] et [illegible]
[illegible] [illegible] nigra magis [illegible] [illegible] fluxum
utilis exhibetur [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
¶ [illegible] [illegible] [illegible] ex [illegible] [illegible] est [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] et [illegible] ad
[illegible] [illegible] [illegible] [illegible] [illegible] famosas
[illegible] [illegible] [illegible] [illegible] plinius et super
ysaya [illegible] [illegible] [illegible] [illegible] est aromatica
et [illegible] [illegible] [illegible] consolidat et re
parat [illegible] [illegible] [illegible] sancte matris
[illegible] [illegible] [illegible] [illegible] temperatur et mitiga
[illegible] [illegible] [illegible] [illegible] ut dicit idem
[illegible] [illegible] [illegible]

## De mirra gumma

Mirra est arbor in arabia altitudinis .v. cu
bitorum [illegible] spine [illegible] [illegible] dicit
[illegible] [illegible] [illegible] et multum [illegible] est et amara
[illegible] [illegible] accepit mirra, ut dicit ysidorus libro .17.
[illegible] [illegible] [illegible] [illegible] [illegible] est [illegible]
[illegible] [illegible] [illegible] [illegible] electa [illegible]
[illegible] [illegible] [illegible] arabes [illegible] [illegible]
[illegible] [illegible] multum est noxius [illegible] odo
[illegible] [illegible]. [illegible] [illegible] homines
morbos insanabiles [illegible] tali fumo [illegible]
[illegible] mirra et melior colligitur apud [illegible]
in arabia ut dicit ysidorus et plinius libro 12. capitulo 17.
Ubi dicitur quod mirra est arbor .v. cubitorum [illegible]
in insulis arabie [illegible] folia sunt similia folijs
oliue sed magis crispa et spinosa ac aculeata
ramos habens similes iunipero. Inciditur autem
[illegible] [illegible] [illegible] [illegible] [illegible] sponte sudat
[illegible] [illegible] et gutta que sudatur [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] mirra electa a [illegible] nominatur
¶ Sunt autem septem genera ut dicitur [illegible]
[illegible] [illegible] et illa magis est electa, [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et illa [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] et [illegible] [illegible] magis [illegible]

[illegible]

fetorem emendat et omnia vulnera antiqua
sanat et desiccat et corpus [illegible]
aereum mundat carnem superfluam corrodit
et bonam ac vivam generat et conservat

## De mirro unguento

Mirreum est bonum unguentum de mirrea
et aliis speciebus aromaticis compositum [illegible]
Cuius virtute [illegible] et sensibilia membra
confortantur et humores in juncturis et
articulis existentes consumuntur. Et eius aro-
maticitate spiritus vitales reparantur [illegible]
[illegible] et [illegible]
[illegible] prohibet ut nascantur [illegible]
[illegible] unguento [illegible]
[illegible] dissoluantur

## De mandragora

Mandragora est dicta eo quod habeat mala
suavis olentia et sunt in magnitudine
ad similitudinem malli maciani unde et latini
malum terre vocant. Hanc poete antro-
pomorfos vocant eo quod habeat radicem for-
mantis quodammodo similem. Cuius cortex in
vino mixtus porrigitur ad bibendum hiis
quorum corpus est secandum ut dolorem non sen-
tiant [illegible]

[illegible]

[illegible] etiam probatur quod mandragora assumpta modo debito mulieres disponit ad conceptionem quas [illegible] calor nimius [illegible] et sic [illegible] conceptionem impediunt. [illegible] mulieres [illegible] disponit ad conceptionem [illegible] [illegible] ut dictum est in platano. [illegible] [illegible] naturaliter frigida et naturaliter [illegible] [illegible] ab huius dispositione. [illegible] [illegible] mandragora propter virtutes [illegible] [illegible] tumores corporis reprimit atque mollit morsibus venenosis [illegible] [illegible] [illegible] et frequenter [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fossores mandragore [illegible] [illegible] et tres circulos gladio circumscribunt et post spectant [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] colligit et in sole desiccant [illegible] [illegible] [illegible] in umbram desiccant quorum odor est gravis et [illegible] [illegible] [illegible] [illegible] odore eius [illegible] eius [illegible] est ut dicit [illegible].

## De milio

Milium est herba huius hasta longa et non [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] et sicca ut dicitur in dietis. Et hoc attestatur eius [illegible] et [illegible] et abstinentia [illegible] et [illegible] [illegible] est media nutrimentum confortat tamen stomachum quia [illegible] [illegible] et ventrem constipat. Est autem secundum [illegible] [illegible] et [illegible] [illegible] ventris [illegible] sanguinem [illegible] [illegible] generat [illegible] stomachum et [illegible] ut dicitur in dietis.

## De menta

Menta est herba odorifera calida et sicca [illegible] et est duplex scilicet [illegible] [illegible] domestica et silvestris [illegible] [illegible] Et illa [illegible] maioris virtutis [illegible] [illegible] et dicitur [illegible] [illegible] quam latini [illegible] [illegible] [illegible] ut dicit ysidorus libro [illegible] [illegible] plinio et est herba [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in palustribus et in pratis sed non sunt tante virtutis [illegible] [illegible] [illegible] [illegible] etiam [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est herba se multiplicans et [illegible] terra [illegible] et [illegible] [illegible] [illegible] in terra [illegible] et [illegible] terra [illegible] in radicem et [illegible] ex se [illegible] [illegible] prolem. Est autem menta [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dissolvendi et [illegible] et ex qualitatibus suis [illegible] ex aromaticitate et [illegible] appetitum provocandi. Ex succo [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et gingivas putridas et corruptas purgat. Vomitum ex debilitate [illegible] [illegible] [illegible] [illegible] cum aceto sedat. Odor suo et sapore contra sincopim et debilitatem [illegible] [illegible] maturam [illegible] [illegible] [illegible] [illegible] [illegible] in vino dolorem [illegible] [illegible] [illegible] cum [illegible] et oleo [illegible] [illegible] et [illegible] [illegible] [illegible] superposita sanat. [illegible] [illegible] [illegible] [illegible] et potata [illegible] [illegible] et [illegible] [illegible] in vino et oleo [illegible] [illegible] [illegible] dissolvit et [illegible] tussim mitigat. [illegible] [illegible] platearius. [illegible] ysidorus in dietis libro 2o. dicit idem [illegible] quod [illegible] amputat et singultum sedat linguam [illegible] asperam si ex ea [illegible] et assuefacta in [illegible] [illegible] excitat.

## De malua

Malua est mollis herba a molliendo alvum dicta ut dicit ysidorus libro 17o. Et sic dicit [illegible] cum plinio. Et succus eius admixto oleo aliquis se inunxerit a punctura apium [illegible] non poterit. Membra etiam [illegible] succo malue non patiuntur puncturam vel morsum ab aranea vel scorpione ut dicit plinius. Est autem duplex eius species scilicet maior et minor [illegible] quod althea dicitur. Et est utraque herba [illegible] [illegible] [illegible] et frigida temperata ut dicitur in dietis. Et hoc patet per eius [illegible] et [illegible] quod digerit apostemata et maturat maxime [illegible] et semen eius [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] eius

ht [illegible] si cu vino potu detur dissolvit
[illegible] humores et renu et [illegible] lapid
[illegible] solvit [illegible] argus lavat et
[illegible] provocat sanguinem si [illegible]
[illegible] ablutam [illegible] sui et
[illegible] valet [illegible] tussi [illegible] et
in oleo [illegible] solvit [illegible]
mundificat et [illegible] dicit [illegible] in plat[illegible]

De nuce

Nux est arbor sic nomine appellata et
est sic vocata eo quod umbra eius sit
[illegible] foliorum arboribus vicinis nocivum
quia multi latam [illegible] glandes
vocant et Jovis glandes [illegible] hec
arbor quondam Jovi consecrata [illegible] fructus
tanta hec vim ut missus inter fungos
et [illegible] venenosos quicquid in eis virulentum
est [illegible] rapiat et extinguat
ut dicit ysy. li. 17. Cuius fructus durus
et amarus [illegible] si fuerit viridis
hec valet dulcorem vel [illegible] cortice vel
[illegible] tertia dicitur nux et dicitur [illegible]
ut [illegible] castanee avellane et huiusmodi
Est itaque nux arbor alta procera [illegible]
mos nodosos et diffusos et folia nervo-
sa et piramidalia acuta et [illegible]
et sapores [illegible] umbra [illegible]
sub ea est valde nociva et multos [illegible]
nitatem [illegible] cuius [illegible] cortex fructus
et folia [illegible] medicinis Ramus ut dicit
dyas. [illegible] radices et cortex nucis [illegible]
[illegible] et potui datur ad [illegible]
[illegible] difficultatem stomachi [illegible]
[illegible] febrium [illegible]
[illegible] et rigorem [illegible]
mundat et prohibet fluxum capillorum
Est autem multorum utilitatis et [illegible]
fructus eius convenit [illegible] et medi-
et [illegible] multiplex nux [illegible]
maioribus [illegible] plus [illegible]
quam ad cibum et [illegible] medicinam [illegible]
[illegible] et domestica [illegible] dicitur
galea [illegible] in silva in [illegible] et in [illegible]

Ram in silva ut dicit ysa [illegible]
[illegible] ut [illegible] et [illegible] manu
[illegible] dispo[illegible] [illegible]
[illegible] sunt [illegible] colore [illegible]
si in sapore [illegible] et [illegible]
[illegible] infrenus [illegible]
[illegible] obtine [illegible]
[illegible] nuclei [illegible]
[illegible] saporosi et nuclei dulcis [illegible]
nucleola [illegible] testam [illegible]
pellicula [illegible] tunicula [illegible]
[illegible] ne tunica [illegible]
[illegible] sunt [illegible] Et illa [illegible]
pellicula testi [illegible] et nucleola nuclei
dulcior et amarior et [illegible]
[illegible] ipso [illegible] maturitatem
[illegible] plus separatur illa pellicula
[illegible] testi et nucleolo nuclei incorporatur
[illegible] ita quod [illegible] alterius [illegible]
[illegible] aliquo artificiale [illegible]
[illegible] Nux itaque viridis [illegible] est
[illegible] [illegible] et [illegible]
[illegible] nociva quia si cu [illegible] fuit
[illegible] cuilibet [illegible]
[illegible] Nuces vero mature ut dicit ysaac
quedam sunt recentes et quedam antique
et quedam inter has medie [illegible] recentes
sunt magis humorosi [illegible] vero
magis sunt sicce si antique [illegible]
[illegible] humorositatis [illegible]
[illegible] magis [illegible]
[illegible] et ideo multum [illegible] in humorem
[illegible] facilis [illegible] et maxime
a calidis [illegible] si in usu [illegible]
[illegible] in talibus [illegible]
[illegible] et capitis [illegible] dolorem
[illegible] tempore [illegible]
sunt [illegible] digerunt
et [illegible] nutriunt [illegible]
[illegible] medicina [illegible]
[illegible] custodiunt

[illegible] mirabiliter [illegible] expellit
[illegible] venenum ad interiora pervenire non per-
mittit. Item nuces cum sale ruta et aliis
[illegible] addito melle morsui canis
rabidi subveniunt. Si vero fumant et
[illegible] super locum vulneris apponantur
[illegible] et [illegible] trahit potentialiter
[illegible]. Item [illegible] cum melle [illegible]
[illegible] et [illegible] dissolvit apostemata
[illegible] et [illegible] super umbilicum
[illegible] interiores in corpore [illegible]
dissolvit ut dicit Ysaac in dietis. Figura
autem nucis est varia quia alia est rotunda
alia piramidalis et oblonga alia [illegible]
plana et gemina ut patet in avellanis et
[illegible]. Alia lanceata divisa secundum sum-
mitatibus et extremitatibus per modum crucis
tetragonale id est per formam quadrangulam
est distincta ut patet in nucibus maioribus
[illegible] in aqua quale forma crucis in-
venta est [illegible] ut patet [illegible] in-
venti.

De nuce avellana

Nux avellana

Nux autem avellana secundum [illegible]
[illegible] a grecis est [illegible] vocata. Nam
[illegible] in [illegible] que sunt
[illegible] in [illegible] silva
ut dicit Ysi. Et [illegible] in loco [illegible]
tia [illegible] et colligitur
merito avellana nuncupatur. Avellane
autem ut dicit Ysaac aliis nucibus sunt mun-
dale et in stomacho magis [illegible]
[illegible] rare in [illegible] et [illegible]
ro ad digerendum sunt dure et ad [illegible]
[illegible] magis tarde [illegible]
[illegible] multum sunt [illegible] si cum
[illegible] pellicula comedantur multum sunt
inflative generative. Et ideo [illegible]
[illegible] utile est ut in [illegible]
[illegible] pellicule [illegible]
et sic [illegible] multas passiones [illegible]
[illegible] cum melle [illegible] valet ad
alopiciam et fluxum capillorum et facit pilos
in [illegible] germinare ut dicit Ysaac et [illegible] Const.

Quando autem et [illegible] dissentiat [illegible]
[illegible] Sicut nux [illegible]
nux vomica est [illegible] est [illegible] fructus
arboris in India nascentis castaneis [illegible]
[illegible] quidam [illegible] fructui [illegible]
[illegible] avellane. Et talis [illegible] mar-
[illegible] et est multum medicinalis [illegible]
[illegible] et confortat in cerebro spiri-
[illegible] calefacit et con-
fortat appetitum. Et est cortex illius subtilis
habens saporem acutum et [illegible] amar-
[illegible] et vel [illegible] habens
[illegible] abiciendus est. Nux
autem [illegible] cortice et [illegible] extracta
[illegible] pellicula tenuissima et plana
que quanto est ponderosior et in odore sua-
vior et in sapore acutior tanto melior.
Unde eligenda est que gravis est et so-
lida interius, que cum frangitur non pulveri-
zatur et subrubicundum colorem ostendit
cum odore forti et suavi. Virtutem habet con-
fortandi et calefaciendi stomachum et exterminandi
ventositatem et auferendi dolorem capitis
ex causa frigida. Aspirata cum naribus con-
fortat stomachum cerebrum et membra spiritualia
ut dicit Plinius et Dyascorides.

De nardo

de nardo

Nardus est herba modica et spinosa
radice et odorifera, unde a grecis nardo-
stacus id est nardi spica appellatur ut dicit Ysi.
libro 17. Et est eius species triplex scilicet indica
syriaca et celtica. Non tamen crescit in Syria
sed in quadam terra montuosa que uno latere
tangit Syriam et in alia Iudeam. Melior
est illa que levis est et fulva comosa et
spica parva odoratissima et saporis [illegible]
que masticata linguam desiccat. Nardus
autem celtica a regione Galie ubi est
dicta et est similis nardo sive spica nardi
sed est magis alba. Habet autem ut dicit Dyas.
et Plat. virtutem confortandi ex aromaticitate
sua. Valet contra sincopim et defectum cordis

Et contra scrophulas et dolorem renum applicata. Et contra morbum frigidum ... confert, et suchitantibus et ... confortat ... solutis et spasmatis ... ambos pulmonis et ... putridas purgat et mundat, menstrua prouocat et urinam ... diffinit et ad ... lapidem frangit in renibus et in vesica. Est enim herba diuretica ut dicit Plat. ... et diuretica et ... valet contra linguae paralysim et confortat vires neruorum et ... linguae organa occupantis. Valet etiam dicitur contra morbum ... si debito modo patientibus ministretur. Ad multa alia multum valet ex qua fit oleum nardinum quo ad omnia supradicta et ad alia est maxime necessarium.

olina.

De oliua

Oliua secundum Ysi. est arbor cuius fructus dicitur oliua, succus vero oleum nuncupatur, ut dicit Ysi. li. 17. Nam ut dicit Romana hystoria, siue oliuarum ramis velabantur legati pro pace aliqua obtinenda siue offerenda aliis. Unde secundum Remigium propter huius arboris excellentiam, quae in signum reconciliationis et foederis dei cum Noe columba non cum alterius arboris ramusculo sed solum cum oliuae in signo ad archam reuersa est. Vnde secundum Plinium li. 15. victores apud Athenas cum olea coronabantur. Greci vero tantum oleastro solebant coronari, ut dicit idem. Est itaque olea arbor comosa et breuis et ramorum multitudine speciosa, frondibus sub albidas et mollibus breuiorum pulchritudinem estate et yeme retinentibus, floribus ... minutas et multum suaues redolentibus, durum corticem et radicem amaram et fructum pinguem sapidum ... Nam ut dicit Ysydorus ex magnitudine radicum surgit oliua in pabulum luminis et in medelam uulnerum ...

infectione generantur in lucernis ... ponitur ad ignem nutriendum ... ponitur ad medullam ... ad ... et ... ut dicit ... oleum ignem ... Et enim oliua siue olea arbor fructifera et ... cuius tam folia et fructus ... medicine ... et ... [illegible] ... in medulla ... ut dicit ... li. 15. ... arbores oliuarum ... multum ... in regionibus ... frigidis ... potius ... calidis ... ut dicit ... Plinius ... oliuas ... [illegible] ... diligunt ... oliue ... et ... ut dicit Plinius li. 15. ... olea ... ut putauit ... [illegible] ... Et ... oliuarum ... radices ... et ... Et huius ... radicem ... solent aliqui ... oleum ... et ... oleum ... [illegible]

[illegible] o [illegible] colligendo sicut faciunt
aliqui minus caute et talis percussio redit
ad [illegible] ipsius arboris et in dampnum
[illegible] subsequentis non minus quam fructificare
[illegible] et dicit plinius quod alii autem sunt
[illegible] arbores [illegible] que [illegible] se
[illegible]. Oliua tamen si ipsa arbor
oliue [illegible] cum multis ex di
[illegible] [illegible] ut dicit ysidorus. Oliuarum
[illegible] alie sunt domestice alie siluestres
[illegible] siluestre faciunt quam [illegible] et ma
[illegible] que [illegible] quam [illegible] habent [illegible]
[illegible] sunt [illegible] [illegible] et [illegible]
[illegible] sunt [illegible] [illegible] [illegible] bl
[illegible] non [illegible] esse nigre. Et quanto sunt
nigriores [illegible] tanto sunt maturiores et
[illegible] [illegible] et ad exprimendum oleum
[illegible] aptiores. Et sicut dicit [illegible] fructus
nunquam perfecte maturescit in arbore ita sed
per multos annos [illegible] in [illegible]
et [illegible] consequatur maturitatem oportet
ut [illegible] arbore collecte per [illegible] dies
[illegible] [illegible] et sic per [illegible]
[illegible] [illegible] confortato calore et [illegible]
calore ad [illegible] ad [illegible] maturitatem
perueniunt. ¶ [illegible] ysaac in dietis oliue quam
[illegible] [illegible] [illegible] mature [illegible]
[illegible] [illegible] [illegible] stomaco sunt ual
[illegible] et [illegible] et ape
titus excitatur [illegible] cum aceto et
aqua salsa fuerint preparate. Sunt dure
sunt et difficiles ad digerendum et [illegible]
aliquis [illegible]. [illegible] quando iam [illegible]
mature [illegible] sunt et [illegible]
temperate [illegible] [illegible] [illegible]
mollificatur et ad digerendum magis dura
[illegible] [illegible] sua in stomacho frigida natura
et ad [illegible] [illegible] non [illegible]
et ideo in [illegible] corruptionem [illegible] trans
[illegible] et minus laudabiles sunt aliis ad

[illegible] utiles tamen sunt in medicina
[illegible] et [illegible] super loca que igne uel
aqua calida sunt [illegible] [illegible] ibi [illegible]
[illegible] [illegible] [illegible] appisiu
et [illegible] faciunt fumositates quam [illegible]
se sub [illegible] sunt causa [illegible] [illegible]
[illegible] ysaac in dietis. ¶ Sicut autem plinius
libro 9° [illegible] [illegible] quod [illegible] oliue quam
diu sunt in arbore non [illegible] et quanto
diutius in arbore permittuntur tanto me
liores sunt [illegible] [illegible] nouas [illegible]
[illegible] et [illegible] reddunt. Constantinus
autem oliue ut dicit idem ex [illegible]
oleo et amurca que [illegible] est [illegible] [illegible]
oliue et est amarea utilis tamen in me
dicina. Et [illegible] [illegible] [illegible] oleo [illegible]
[illegible] utiles sunt ad ignem [illegible]
[illegible] [illegible] dicitur [illegible]

De oleo

Oleum succus est oliue ut dicit ysidorus
et est tanto melius quanto est recen
tius et facilius a suis [illegible] eliquatur
ut dicit plinius libro 17° capitulo 2°. ubi dicitur
quod oleum per uetustatem [illegible] et dicit [illegible]
oleum in torcularibus extorquendo [illegible]
eliquatur si oliue uel olei [illegible] [illegible]
[illegible] lapide [illegible] [illegible] [illegible]
[illegible] aqua [illegible] fuerit et [illegible]
Nam per talem aquam calidam [illegible]
tas ab amurca et [illegible] separatur
[illegible] tandem ab ipsa aqua [illegible]
segregatur. Et dicit idem quanto oleum [illegible] de
torculari exit tanto laudabilius iudicatur
Nam purius est et suauius quam [illegible]
[illegible] [illegible] [illegible] potest. [illegible] dicit
[illegible] quod si quis [illegible] aquas [illegible]
in ore [illegible] [illegible] in aqua [illegible]
[illegible] clariora sunt omnia que in fundo
aque [illegible] et patent [illegible] [illegible]
[illegible] que aqua [illegible] absconduntur

Vel ita est ut calor coadunat et confundi-
tur [illegible] et recenter fissa [illegible]
[illegible] tamen meatus constrictos et indurans
ac spissitudinem emollit et relaxat et aperta
dura mollificat et maturat et [illegible]
oleum [illegible] oleum et [illegible]
multas [illegible] est expressum. Aliud est
aut simplex ut oleum olivarum, oleum
nucum, oleum papaveris, oleum amigdalarum,
oleum zaffaminum, oleum lini, oleum canapis
et similia. Aliud est compositum et aliud
est frigidum, aliud calidum, aliud est stip-
ticum et constrictivum, aliud laxativum.
Nam ex appositione calidorum efficitur calidum,
et ex stipticis stipticum, et ex laxativis la-
xativum. Et ideo secundum diversas causas morbo-
rum sunt adhibenda diversa olea, ut oleum
nardinum, laurinum et pulegium in mor-
bis frigidis, oleum vero rosarum, violarum et similia
in causis calidis apponantur. Potest et oleum
fieri ita calidum ut febrem inducat si ad-
datur pulsatilibus et naribus et volis manuum
ac plantis pedum ungantur, ut oleum in quo
decoquitur caro leonina, ut dicitur in compendio
Salernitano. Potest etiam ita fieri frigidum
quod inducat in membro sic puncto stuporem
et insensibilitatem ut patet in oleo mandra-
gore, quod fit oleum in quo mandragora sit decocta
vel diutius infusa. Ex [illegible] inter olea sunt
composita magis laudabilia, et magis
in medicina utilia sunt temperata. Sim-
plex autem oleum quo ad medicinam et etiam
quo ad cibum, primum locum obtinet oleum
olivarum, secundum nucum et amigdalarum, tertium
oleum papaveris, quod tamen aliis fortius est
magis fetens atque [illegible] quod fit
semine eius nigro, et hoc provocat [illegible]
somnum, et valet contra tussim asperam
in pectore et etiam reparat calefactionem
ut dicitur in platearo. Alia vero olea minus
conveniunt cibo propter odoris gravitatem et saporis

[illegible] convenientia [illegible]
sicut dicit ysaac in dietis [illegible]
[illegible] et acrem [illegible]
[illegible] stipticum et subtilius [illegible]
[illegible] provocat [illegible]
et sua calefactione [illegible]
[illegible] in lumine [illegible]
[illegible] aliis [illegible]
[illegible] et [illegible]
[illegible]
[illegible]
[illegible] et odore [illegible]
[illegible]
est [illegible]
provocat et [illegible]
[illegible] oleum [illegible]
[illegible] vel [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et [illegible]
[illegible] sicut dicit [illegible]

De oleastro

Oleaster est silvestris oliva [illegible]
[illegible] folia [illegible] olive [illegible]
folia sunt [illegible]. Est enim arbor [illegible]
[illegible] et [illegible] olive [illegible]
[illegible]
qualitatem ut dicit ysaac in libro [illegible]
[illegible] est dulcior. Alia vero est [illegible]
sive olio qualitate media. Aliud [illegible]
[illegible] et dicit [illegible]
Et [illegible] oleastri [illegible]
[illegible]
[illegible] folia [illegible] stiptica
et [illegible]
[illegible] ut dicit [illegible]
[illegible] stipticus est et [illegible]
[illegible] valet [illegible] et [illegible]

de oleastro

omnem fluxum restringit Isidorus [illegible]
distillacio multa est illud maximum quod est
virides [illegible] modificat et sanat
[illegible] corrosiones et etiam corruptos adiu-
uat et dentes motos roborat et confirmat
[illegible] ex oliva facta
[illegible] et est corrodit [illegible] atque unat
valet contra alopiciam i. fluxum capillorum
et tingit crines et canitiem [illegible] palliat
[illegible] ut dicit Plinius

## De olea

Oleus ab oleendo est dicta eo quod [illegible]
homines [illegible] oleribus utebantur antiqui
[illegible] ad esum herbis [illegible]
pomis vinis et oleribus nutriebantur homines
ante diluuium sicut alia gramina et her-
bis ut dicit Ysi. li. 10. Et [illegible]
[illegible] que est [illegible] et
esui hominis apta similiter olera dicuntur sed
vulgariter caules dicuntur olera que sunt frutices
et [illegible] ceteris oleribus arbi-
trantur ut dicit Plinius quorum sunt [illegible] dicun-
tur [illegible] in quibus maior est vigor
virtutis et ideo in [illegible] herbarum que con-
sistit efficacia medicinalis ut dicit Plinius. Est autem
herba [illegible] et sicca que [illegible] et ma-
lencolicum generat sanguinem horribiles odores
faciunt ut dicit Ysa. in dietis. Et sunt
quedam [illegible] estiuales et quedam yemales
quorum [illegible] sunt composite [illegible] Nam substantia
est grossa et dura ad digerendum succus
suus [illegible] est collatiuus mundificatiuus
ventris mollificatiuus et laxatiuus. Sub-
stancia sua [illegible] est constipativa tollit autem
[illegible] nocumentum si in aqua elixentur
et aqua illa proiecta in alia decoquantur
et cum [illegible] ut dicit in dietis. Est autem herba que
proficit per transplantacionem nam si in uno
loco fuerit seminatum et postea [illegible] in

planta ad humum meliorem transferatur utrum
[illegible] in quantitate quam qualitate
melioratur. Item in estate folia eius [illegible]
ab erucis et alijs animalibus [illegible]
nec grillus et pruina [illegible] et sic effi-
ciuntur magis tenera et ad [illegible] meliora.
Nam temperato calore ad [illegible] folia
melius digeruntur [illegible] et sic efficiuntur magis
sapida et etiam meliora. Plinius li. xx. ca. ix.
multis laudibus extollit caulem quo ad usum
medicinalem. Et dicit quod est eius triplex species quedam
est crispa utilis [illegible] alium modum mo-
lius. Alia lata habens folia et [illegible] spissa et
illa minus valet in medicina. Tercia
habet folia et simplicia et est ceteris amarior
sed utilior medicine. Folia eius trita et appo-
sita bis in die sanant cancrum vulnera an-
tiqua et inueterata mire sanat. Caulis
parum coctus soluit ventrem sed multum co-
ctus stringit. Vinum et ebrietatem aduersatur
neruos confortat et utilis est paraliticis
et tremulosis lactis ubertatem prebet puer-
peris. Et cortex eius valet contra venenum.
Dicit etiam Plinius quod valet contra morsum
canis rabidi odorem seminis eius [illegible] fu-
giunt serpentes. Et multas alias enumerat eius
proprietates sive virtutes quas [illegible]
hic obmitto. Dicit etiam quod brasica siluestris
i. caulis per se nascens [illegible] efficacior fortiores

## De ordeo

Ordeum est dictum eo quod ceteris sit aridum
ut dicit Ysi. uel ab ordine eo quod eius
spica quasi sit ordinibus [illegible] et illud
genus ordei pascit melius animalia quam [illegible]
tatum uel siligo ut dicit Ysi. Aliud est
genus ordei habens duos ordines in spica
sua quod dictum trimestre eo quod iactum in terra
[illegible] tempore colligitur velocius ut dicit Isidorus.
De ordeo dicit Plinius li. xviii. capitulo vii. primum
fuit frumentum [illegible] ordeum apud eum
multas nationes panis [illegible] fit precipue.

Et polenta fit ex ordeo aqua madefacto et illo [illegible] post ordeum aqua perfunditur et postea desiccatur et sic mollis constringitur et teritur farina parantur. Alii ut ytalici ordeum siccum et farinam molunt sine perfusione aque producunt. Ordeum frangit cum molestia est in medulla et [illegible] non [illegible] nisi in sicca et solida terra. [illegible] molito multum cito capitur ad maturitatem. [illegible] aliquod semen in calamo [illegible] quoad corruptionem [illegible] et colligitur antequam [illegible] suadet corruptioni [illegible].

Inter omnia [illegible] fermenta [illegible] quedam [illegible] palma [illegible] [illegible] multum [illegible] laudabile medulla [illegible] modo dicto paratur et farina [illegible] polentam ut dicit plinius. Est autem ut dicit ysa. in dictis ordeum [illegible] [illegible] virtutem [illegible] [illegible]. et desiccativam et parum [illegible] ventositatis [illegible] faba minus tamen nutrit faba [illegible] [illegible] sit magis [illegible] inflativa [illegible] [illegible] corporis [illegible] nutrit [illegible] [illegible] [illegible] sine corporis [illegible] ut dicit [illegible] multi [illegible] ut dicit plinius qui plus [illegible] ordeo [illegible] [illegible] modo [illegible] aqua modo decoctio fit medicinalis potus quem phisici ptisanam vocant. Cuius virtus est [illegible] sanitatis restrictiva et febrilis caloris alterativa. Et de ptisana quere infra in [illegible] [illegible].

## De palma

palma

Palma est arbor victorialis sicut dicit ut dicit ysy. li. 17. quia manus victoris sive obtinentis victoriam est ornata [illegible] quemadmodum palme hominis habet ramos. Est autem arbor nobilis et insignis semper [illegible] pulcritudinis et viroris diuturnis [illegible] [illegible] sine ulla [illegible] [illegible] folia [illegible] [illegible] [illegible] et [illegible] est arbor [illegible] durans in virtute et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] palma a grecis fenix est vocata. [illegible] [illegible] fructifera [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] tamen arbos [illegible] [illegible] [illegible] fructus maturitatem [illegible] [illegible] [illegible] et in egipto fructus eius [illegible] [illegible] [illegible] digiti [illegible] [illegible] [illegible] humane. Nam alii vocant [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sapores [illegible] [illegible] [illegible] [illegible] [illegible] qui et nicholaus [illegible] [illegible] [illegible] [illegible] [illegible].

Est autem palma ut tangit glo. super [illegible] arbor magne [illegible] et altitudinis [illegible] [illegible] ad [illegible] altitudinem [illegible] [illegible]. Cuius radix est [illegible] et in profundo [illegible] valde [illegible] [illegible] autem eius solidus est et [illegible] [illegible] [illegible]. Cortex eius [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] terra et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fructum. Folia eius [illegible] [illegible] formam [illegible] [illegible] [illegible] autem palma [illegible] sit circa stipitem [illegible] in superioribus tamen [illegible] est [illegible] in ramorum pulchritudine et in [illegible] in [illegible] [illegible] [illegible] fructus suos et in [illegible] foliorum ut dicit plini. li. 13. Cuius fructus est [illegible] [illegible] dulcor et sapidior [illegible] [illegible] solis [illegible] [illegible] [illegible] multis [illegible] regionibus [illegible] [illegible] ita fructificat sicut in regione [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] de palmis est [illegible] [illegible] dicit [illegible] plinius li. 13. [illegible] [illegible] palmarum duplex est species scilicet masculus et femina masculus tamen [illegible] flores [illegible] [illegible] potius in [illegible] [illegible]

fructificat femina nisi masculo sit propinqua et saltem mediante vento odorem masculi sentiat [illegible]. Item etiam dicit idem de [illegible] [illegible] et qui seminat ossa ut masculi et femine femina parit seminaverit [illegible] semina bona et bona composita et ex singulis recipit plantas, unde [illegible] plantule ex eis nascuntur [illegible] radicibus [illegible] et ad modum [illegible] miro nature artificio se [illegible] [illegible] brevi tempore et fructificat femina sine masculo. Immo si abscidatur arbor masculus femina post viduitatem sterilescit sed aspersis floribus et foliis masculi circa radices femine femina ex vicinitate masculi [illegible] ex [illegible] vires suscipit et resumit. Nec diligit huius plantatio locum [illegible], pinguem et limosum, immo potius [illegible] et arenosum et ideo ubi non est talis solum oportet aspergi salem non [illegible] radici sed aliquantulum in circuitu ut salis [illegible] humorositatem terre superfluitas consumat. Et ut dicit Plinius quedam est species palme in medio [illegible] orbe [illegible] ut traditur est una et non multe [illegible] ex illa alia, que cum vetustate [illegible] perit et deficit, iterum ex se renascitur et revivit. Et ideo putatur fenicem avem accepisse ex huius palme argumento nomen accepisse que moritur et renascitur ex se ipsa sicut facit palma supradicta, ut dicit idem Plinius. Item [illegible] dicit idem in Ethiopia sunt [illegible] palmarum species non [illegible] magis [illegible] [illegible] mirabilibus inter quas sunt [illegible] [illegible] [illegible] et albo et [illegible] meliores. Nam corpore fructus [illegible] sunt [illegible], [illegible] ex eis vina [illegible] propria reperiuntur [illegible] Plinius libro 13 [illegible]. Est igitur palma arbor [illegible] et [illegible] in stipite et [illegible] [illegible] quod exit, pura autem et dilatata in ramis et [illegible] ad quod supremum [illegible] [illegible] se extendit [illegible] folia longa sunt in [illegible] [illegible] planariter [illegible] et flexibilia

diversis [illegible] ut puta [illegible] [illegible] apta ut dicit [illegible] [illegible] [illegible] lateralibus sunt [illegible] et [illegible] cuius rami dignitatem [illegible] [illegible] [illegible] [illegible] ad infima inclinantes. Et [illegible] [illegible] huius dictionis [illegible] in [illegible] producit ut [illegible] [illegible] dicit [illegible] late palmas [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] primitias corripit, et [illegible] [illegible] [illegible] que dicitur [illegible] libro [illegible] [illegible] sicut [illegible] ut dicitur [illegible] media corripit [illegible] et non producit. Variatur autem fructus palme tam in forma quam etiam in virtute secundum diversitatem ligni a quo exit et secundum diversitatem soli in quo palma crescit et secundum variam receptionem caloris celestis qui dulcificando secundum diversos situs ad palmarum [illegible] se diffundit, ut dicit Plinius libro 13. Primum patet nam [illegible] palme raro ut [illegible] fructus [illegible] palma mala vel [illegible] dispositionem ipsius arboris ut patet in palmis italicis in quibus raro vel [illegible] fructus, et si restat [illegible] [illegible] ad maturitatem, et [illegible] [illegible] ut dicit Plinius. Secundum patet ex predictis quia in solo sive humo [illegible] et [illegible] pingui vel limoso [illegible] non [illegible], [illegible] [illegible] [illegible] [illegible] ut dicit idem. Tertium etiam patet quia in locis umbrosis a radiis solaribus [illegible] absolute, nec crescit post palme et si forte aliquem [illegible] [illegible] potest fructificando ad palmarum gloriam pervenire, et hoc est quod tangit Ysaias in dictis.

Varie [illegible] fructus [illegible] palmarum [illegible] sunt et [illegible] [illegible] gradus et diversitas habet [illegible] secundum regionum diversas qualitates. Nam quedam nascuntur in regione frigida [illegible] [illegible] calida, quedam in frigida, quedam vero [illegible] [illegible] temperata, qui non in regione frigida ubi sol est [illegible] fructus sunt dulcissimi

sapidi et ponticitatem quandam aliqualiter
habentes et tamen cum sint valde dulces
si quis eis nimis utatur aliquas poterunt
inferre sive inducere passiones corporis. Nam
tumores et inflationes generant dolorem ca-
pitis et etiam capiti obstant splenis et epatis
meatus obstruunt et oppillant ¶ Ex quo
patet quod omnibus dulcibus est commune. non est bonum
ymmo sepius dictum est corpori est nocivum. Fru-
ctus vero crescentes in terra frigida sive temperata
talia ad maturitatem non perveniunt et ideo
in sua ponticitate et stipticitate permanentes ve-
lut cruda corpus non nutriunt nisi sint qui
potius obstruunt. quia ad digerendum duri omnis aliqui
talium stomachum confortant [illegible] et stomacho et fastidio non
[illegible] unde dicitur in mora facientes
torsiones ibi generant sepius ac faciunt ut
dicit idem. In crescentibus vero in regione
mediocriter calida que magis sunt maturi fructus
est tanta in eis aquositas humiditatis superflua
quod non possunt in maturitate [illegible] unde et
[illegible] replent capita vaporibus qui sunt materia di-
uturne febris ut dicit ysaac in dietis. ¶ Est
autem fructus palme compositus ex molli substantia car-
nosa et medio duro et quasi lapideo in quo
medio semen continetur. Nam aliqui dactili
inveniuntur in syria et in egipto sine
medio et tales spadones nuncupantur. quia
in eorum substantia non est ratio seminativa ut dicit
plinius. Quanto autem palma antiqua et annosa
est annosior tanto fructus est melior. Non
enim fructificat ante centum annos et tunc
primo habet perfectas vires et completas ¶ Valet et
fructus palme secundum dyascoridem utile in medicina.
habet enim virtutem leniendi asperitatem arterie
et clarificandi vocem maxime cum sunt bene
maturi. Nam viridibus sunt valde stiptici ut
dicit plinius quosdam milites alexandri fuisse
palmis viridibus strangulatos. Unde quando
sunt viridis non conveniunt cibo set solummodo
medicine. valent enim contra dysenteriam et alios
fluxus qui modo debent apponi.

## De palmite



Palmes palmes dicitur proprie virgultum vitis
Unde dicit ysi. li. 17. Palmes est tene-
ra mollis quia per novella brachia [illegible]
fructum affert. Causa palmes propinquus [illegible]
enim officio palmes ab ardore [illegible]
defendit atque adversus [illegible]
nam [illegible] qui ideo alicubi [illegible]
est ut [illegible] ad maturam [illegible]
et umbram faciat ut dicit ysi. [illegible]
utrius [illegible] attrahit [illegible]
dicem [illegible] quia propter [illegible] calorem et sui su-
perositatem fortis est attractionis. Multum
enim attrahit humoris quem transmittit in
substantiam ipsius palmitis et quod est residuum
[illegible] in [illegible] gemmas frondes fructus
atque florescit dicit plinius li. 17. qualis
vero fuit humor [illegible] radi-
calis [illegible] in palmite. Unde docet eum
producere [illegible] uvas diversi coloris
in eadem vite. Si enim fiat [illegible]
insitio et in martio fiat insitio in tribus
ramis procedentibus ex uno stipite [illegible]
sicut uno circulo insitionis loco appositis
rubei colorem blanchi et in 3o [illegible]
singuli palmites ex diversis ramis producentes
tales profecerunt uvas [illegible]
[illegible] colores. Unde quia in hiis partibus raro
vites [illegible] aliquotiens palmes
vitis aliis arboribus inseritur ideo solet fieri
fructus mutatio isto modo. In martio quando
incipit humor ascendere a radice apponitur
cortex vitis [illegible] iuxta radicem quo apposi-
to colores [illegible]
lignum et corticem et tunc diligentius cu-
stoditur [illegible] humor ascendens a radice exeunt in
fissura [illegible] humor [illegible] attrahit
palmes a radice [illegible] colore cuius [illegible]
pars [illegible] transfertur in fructum
ipso fructu coloris [illegible]
artificio [illegible] potest quelibet plantula
in sapore et colore [illegible] arbores

q[illegible] constituit [illegible]
tur [illegible] et [illegible] dicit [illegible] thorna
[illegible] sup[er] [illegible] platanos [illegible]
[illegible] [illegible] mstraus sed
[illegible] [illegible] disponitur
[illegible] dicit ysy. quedam
[illegible] [illegible] bimilacht
[illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et fla
[illegible] [illegible] et ut [illegible] [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible] multis [illegible]
[illegible] flagellis et in talib[us] [illegible]
[illegible] quemq[ue] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
palmites [illegible] et [illegible]
[illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible]
[illegible] [illegible] et in [illegible]
[illegible] [illegible] [illegible] aut palmi
[illegible] p[er] nodos et [illegible]
Nam ut dicit [illegible] li. [illegible] ca. [illegible] pal-
mites ramos [illegible] nodos [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] infra terra
[illegible]

## De propagine

P[ro]pago propaginis [est] [illegible]
[illegible] vitis [illegible] et sur
[illegible] et flagello [illegible] [illegible] et i-
[illegible] [illegible] ysy. [illegible] aut flagella
vitis [illegible] sive [illegible] vo[illegible]
[illegible] [illegible] [illegible] vel pp vitis
[illegible] vel [illegible] tra[n]s-
[illegible] [illegible] plantule [illegible]
et [illegible] [illegible] ¶ Propagina
[illegible] est q[uo]d flagellu[m] [illegible]
[illegible] et [illegible] [illegible] produ[illegible]
[illegible] [illegible] Nam propagine ex-
tendit et [illegible] est [illegible] ut dicit [illegible]
Palmites [illegible] [illegible] rami ad terre

in [illegible] [illegible] et in quibusdam foliis
[illegible] a terra [illegible] [illegible] [illegible]
[illegible] et [illegible] propagines producu[n]
[illegible] virtus germinativa [illegible] in fla-
gellis [illegible] in [illegible] [illegible] [illegible]
tra[n]sfundat[ur] et in [illegible] in propagines
[illegible] [illegible] [illegible] adm[in]i-
strat[ur] [illegible] et [illegible] in radices a qb[us]
[illegible] propagines [illegible] nutrimentu[m]
et [illegible] radices [illegible] [illegible] a quibus
propagines [illegible] velut filius a matre co[n]-
tinue [illegible] et sic fit ut q[uo]d p[ri]ma radi-
[illegible] [illegible] [illegible] p[er] propaginis orificiu[m]
[illegible] in radicem [illegible] [illegible] ut a [illegible]
[illegible] [illegible] [illegible] palmites seu
flagella [illegible] [illegible] nutrimentu[m] a radice
[illegible] [illegible] [illegible] in radicem
[illegible] [illegible] [illegible] velut matre
[illegible] ut dicit Gg.

## De platano

Platanus est arbor a latitudine foliorum
sic dicta, vel q[uia] patula sit et ampla
[illegible] platos grece [illegible] ut dicit ysy. li. 17.
[illegible] pulchritudinem exprimit scriptura dicens
q[uasi] platanus exaltata sum in [illegible]
24. [illegible] [illegible] folia et tenera [illegible]
lys [illegible] ut dicit [illegible]. Dicit dyas. ad ista
q[uod] platanus est arbor frigida et sicca cui[us]
folia in [illegible] et [illegible] sunt utilia
[illegible] [illegible] et tumore [illegible] oculorum
[illegible] [illegible] eius et foliorum reprimit dolo-
rem dentium et ut [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] dolores mi-
tigandi [illegible] [illegible] contra combustiones
si cum alijs [illegible] apponatur. Eius etiam
decoctio vino valet [illegible] [illegible]. Et hanc
arborem multum extollit li. xij. ca. 3.

## De populo

Populus est arbor a [illegible] [illegible]
[illegible] [illegible] [illegible] ut radix
[illegible] [illegible] [illegible] ysydor[us]

li° 18° cuius genus duplex una altera et alba altera dicitur nigra. Alba fulget hec folia ex una parte alba et ex alia viridior. hec est bicolor huius qui dicit nostra. Nam alio mutat colorem in solis ortu et alio modo in occasu ut dicit idem. Ab hac enim arbore ut dicit [illegible] tam effluit resina et maxime circa adiacens flumen in italia et etiam in syria. Et hec resina a diversis et etiam iudicatur medicinalis. Nam pinguinem stringit sudores et alios fluxus nocivos compellit. Et eius se [illegible] in summitatibus quarum ramus fuit annis [illegible] frigidum oppillationes et calores [illegible] tumores compressivum et sompnum provocantem et hec [illegible] gurentum populeum a medicis nuncupatum. Et est in multis curis necessarium. Dicit autem ysidorus quod populus et platanus [illegible] molles sunt nimis et ad sculpturam apte. Et tales arbores precisis ramis plus crescunt et in latum et longum amplius se extendunt.

d. platano

## De pino

pino

Pinus est picea a foliorum acumine sic vocata. pinum enim antiqui acutum appellabant. hec arbor dicitur picea eo quod sudat picem ut dicit ysidorus li° 17°. Ex pinu in insulis germanie gignitur lachrima sicut gutta que defluens frigore sicut calore induratur et gemma fiat et talis lachrima dicitur electrum ut dicit ysidorus [illegible]. hoc electrum alio nomine dicitur succinum eo quod arbor sit succus. dicit etiam plinius dicitur prodesse gentibus que sibi ea [illegible] [illegible] dicatur nomen. ¶ Est autem pinus arbor procera et valde recta levis et porosa quamvis tamen multum fortis cum sit nodosa et ideo ex pino optimi [illegible] fiunt mali navium et iam edificiis sunt valde apti. de facili tamen inflammantur et scinduntur si igni aliquo modo applicantur. et hoc accidit quod multum habet pinguedinis et unctuositatis quod [illegible] [illegible] [illegible] [illegible] et in gestione habet rationem humiditatis [illegible] pinguem et diffusam [illegible] calore solis attracta ad exterius in estate [illegible] [illegible] [illegible] quod est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Est autem valde odorifera et odorem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] et virent yeme et estate. Unde sit arbor pinguissima in locis [illegible] [illegible] valde arcuata et lapidosis. Et cum sit arbor multum [illegible] [illegible] [illegible] altum crescat quanto minus plus ramos habet unde ramis [illegible] [illegible] terra plus se dilatat in coma [illegible] [illegible] tanto crescit propter [illegible] [illegible] et grossitiem [illegible] [illegible] non [illegible] a suis corticibus spoliatur et [illegible] et plus durat. Nam inter corticem et lignum vermes generantur [illegible] [illegible] et illa [illegible] corroditur lignum et si corticem abstrahitur [illegible] corrodere [illegible] [illegible] [illegible] ad lignum [illegible] dicit [illegible] propter medicinam. ¶ Dicit autem plinius li° 16° quod pini sunt et alie sub terra profunde [illegible] [illegible] durat et si trahatur [illegible] ad aquam ductus et obruatur profunde in terra multis durat annis et tamen super terram iacens in loco humido ac pluvioso corrumpitur [illegible] et [illegible] [illegible] que totaliter in aqua sub terra [illegible] [illegible] aque fluvii [illegible] durat sub terra [illegible] de facili [illegible] nec [illegible] nisi per [illegible] pluvia corrumpatur [illegible] sub terra profunde ab [illegible] [illegible] [illegible]. [illegible] autem arbores sub terra in aqua cito putrescat [illegible] [illegible] est infra terram ut dicit plinius li° 16° [illegible].

## De pinea

d. pinea

Pinea dicitur pini fructus ut dicit plinius [illegible] fuit [illegible] [illegible] grossus et [illegible] rotundus in summitate [illegible] piramidalis et [illegible]

In [illegible] et [illegible] que ubi maturus est
[illegible] color [illegible] colo
[illegible] est primo [illegible] marmori [illegible]
[illegible] quarum [illegible]
[illegible] superfluitates [illegible] sunt [illegible]
[illegible] quodam [illegible]
et [illegible] attingat [illegible] [illegible]
[illegible] parentibus
[illegible] sunt distincta. Aut
[illegible] in [illegible] maiores
[illegible] et [illegible]
[illegible] ordinatissime et ad
[illegible] et arcuo [illegible] ma
[illegible] pond[illegible] [illegible] Nam [illegible]
[illegible] radicata adherens ar
bori dyastole ad terram [illegible]
aliquantulum [illegible] Et est [illegible]
fortis adherentie et magne [illegible]
[illegible] est et a sua [illegible]
[illegible] Nam [illegible] et
[illegible] et [illegible]
humore [illegible] dissol
uitur et sic pars [illegible] nucleus
a nucleo separatur. Et ideo [illegible] dyasc. et pla
tearius [illegible] est nucleus pinee
oportet ut [illegible] ponatur super
carbones et [illegible] [illegible]
[illegible] aut
[illegible] et [illegible]
sunt [illegible]
grana ista [illegible] et [illegible]
et aliquantulum [illegible] modo [illegible]
membra spiritualia et tussim [illegible]
[illegible] et [illegible]
[illegible] augmentant [illegible]
[illegible] naturales [illegible] sua
[illegible]
[illegible] et [illegible]
[illegible] ut [illegible]
et in [illegible]

De pice pini

Pix pini est lachrima [illegible]
igneis [illegible] ut [illegible] Pix
aut est duplex [illegible]
[illegible] et [illegible]
[illegible] aqua [illegible] est
liquida et [illegible] est [illegible] et [illegible] alio
[illegible] dura et alio [illegible] liquida
[illegible] est coloformia [illegible]
[illegible] in [illegible] in magna [illegible] sunt
ut [illegible] est [illegible]
[illegible] dissoluendi et consumendi. Unde valet
contra [illegible] et eius oppillationes
et in [illegible] malas [illegible]
et [illegible] dicit etiam dyasc. quod valet
[illegible] et morsibus [illegible] fuerit
[illegible] cum sale tetta pix aut ignis
inflammat et [illegible] tangit [illegible]
[illegible] colofarta [illegible] mondas et
nitidas ac candidas [illegible] et ma
[illegible] cum macula quo ad colorem et odo
rem [illegible] dentibus dicit albertus.

De piro

Pirus est arbor fructifera sic dicta
quia in speciem ignis est formata. Nam
eius fructus a lato incipit et ad modum
ignis in angustum finitur ut dicit ysy.
li. 17. Piru[illegible] dicitur arbor. [illegible] pirum
dicitur fructus eius, et est fructus eius [illegible]
[illegible] fructibus ponderosior ut dicit [illegible]
Unde pauca pira [illegible] est ponderosiora
quam multa poma ut dicit [illegible] et si dorso
[illegible] apponatur. ¶ De piris aut sic
[illegible] ysar. in dict[illegible]. Dicit enim sic piror[um]
duo sunt species, est silvestrina [illegible]
Alia domestica sive ortensis, utriusque
aut frondes et rami sunt stiptici et constricti
[illegible] fructus ut sic multum differunt. Nam
pira [illegible] magis sunt pontica et ter
restria [illegible] magis sicca et terra quam do
mestica [illegible] et dura gustui
quia [illegible] et [illegible] non

Comeduntur sed solummodo medicinaliter ut debilem constringat et reprimat vomitum. [illegible] si decocta in aqua pluviali super stomachum apponantur. Domestica vero pira in natura sunt et ponticitate grossa et dura et adstrictiva insipida et mala tamen per elixationem et decoctionem in aqua dulci et [illegible] sive alia dulci appositione per [illegible] constitutas aliquantulum digesta et asperitas temperari [illegible] sic tamen [illegible] nutrimentum sed potius medicinale. Dura vero domestica et matura [illegible] pira quorum substantia sua cum aquosa dulcedine est admixta [illegible] quorum et cibo et medicinae [illegible] utroque modo post cibum sumpta [illegible] ante. Nam post cibum [illegible] et [illegible] cibaria et expellunt ad loca [illegible] et [illegible] orificium stomachi confortant ante prandium vero sumpta constipant. Et si [illegible] et frequentius sepius assumantur [illegible] in ventre generant et colericam [illegible] et inveterabilem provocant passionem. Et illa pira quae sunt dulcia temperatioris sunt [illegible] et minus sunt frigida aliis. Et ideo frigidis et siccis plus conveniunt. [illegible] dicuntur pira propter quod certa [illegible] malitiosis [illegible] et [illegible] silvestria propter sui ponticitatem [illegible] ut dicit ysaac. Pulvis de [illegible] sive [illegible] silvestris [illegible] bibitus contra fungos ut dicit [illegible] et sunt vero sunt pira dicta.

## De pruno arbore

pruno arbor

Prunus est arbor quam latini prunum vocant. Illius arboris multa sunt genera quorum melior est damascena a damasco oppido sumptum [illegible] ut dicit ysaac. [illegible] fructus [illegible] et [illegible] sola arbor gummi glutinosum et [illegible] distillat quo utuntur medici et scriptores ut dicit ysy. libro 17. [illegible] prunum dicitur [illegible] alba [illegible] rubea et quaedam nigra [illegible] dura et [illegible] alia [illegible] sunt damascena [illegible] bene sunt matura et humectant [illegible] [illegible] et [illegible] contra [illegible] [illegible] [illegible] papias [illegible] prunum idem est quod [illegible] [illegible] dicit quod prunum et [illegible] radix arbor et [illegible] [illegible] non sunt [illegible] arbor prunus et [illegible].

## De papiro

de papiro

Papirus dicitur [illegible] [illegible] [illegible] in lucernis et lampadibus est valde aptus [illegible] dicitur quasi pabulum ignis [illegible] ignis dicitur [illegible] [illegible] et rotunda [illegible] plana [illegible] medulla alba [illegible] et [illegible] [illegible] papirum [illegible] ad [illegible] et fit [illegible] per multum tempus [illegible] [illegible] [illegible] et [illegible] in [illegible] et [illegible] in palustribus et pratis et aquarum [illegible] papiro [illegible] [illegible] ut dicit ysy. [illegible] papirus [illegible] dicitur bassa papirea. Nam papirum est [illegible] papiro. [illegible] papirum [illegible] et in India [illegible] [illegible] ysaac et hoc testatur plinius et [illegible] ystoria Alexandri de papiris [illegible] spiritus [illegible] et papirus in [illegible] [illegible] dicit [illegible] et plinius [illegible] papirus [illegible] aqua [illegible] [illegible] et ad [illegible] et [illegible] aqua [illegible] papiro. De papiro dicit plinius libro 16 capitulo 12 papirus [illegible] [illegible] in palustribus [illegible] et aliis [illegible]

[illegible]

De paliuro

P[illegible]

[illegible]

De papauere

P[illegible]

[illegible]

De plantagine

Plantago est herba satis [illegible] de [illegible] aqua [illegible]
dicitur ysidorus libro [illegible] folia [illegible] plana
et aliquantulum [illegible] lingua et
[illegible] medio
[illegible] ossa
[illegible]
in modum [illegible] similitudinem
formam [illegible] ita [illegible] sa
[illegible] super [illegible]
[illegible] Nam
[illegible] radix et eius
[illegible] iuvat [illegible]
[illegible] tussiens
[illegible] dolore dentibus [illegible]
[illegible] famosa mondat et sanat
[illegible] gingiuas tumidas
et [illegible] atque mondat
[illegible] multiformis laudibus
[illegible] magnificas [illegible].

De petrosillo

Petrosilium est herba [illegible] odorata
sic dicta [illegible] in petris [illegible] petrosis
[illegible] Cuius species sunt plures [illegible]
est macedonicum suaue gustu et odore aro-
maticum ut dicit ysidorus [illegible] usus [illegible]
[illegible] et etiam medicine. Est enim herba calida
sicca et multum diuretica, apertiua [illegible]
diuisiua [illegible] confortatiua
[illegible] et [illegible] excitatiua et
[illegible] lapidem frangit [illegible]
ydropisi [illegible] splenis
[illegible] et multas alias [illegible] passiones
[illegible] plinius dyas. et plat.

De pipere

Piper est fructus uel semen arboris
in meridionali parte montis Caucasi
[illegible] solis ut dicit
ysidorus [illegible] Cuius folia iuniperi sunt similia
[illegible]
[illegible] maturitate [illegible]
[illegible] violentia

de petrosillo

de piper

fugantur. Unde ex huius combustione grana
piperis que naturaliter erant alba efficiuntur nigra
[illegible] et rugosa. Cuius triplex est species.
Una est piper longum scilicet quod est immaturum.
Et piper album quod scilicet ab igne [illegible]
Et est piper nigrum quod scilicet ex [illegible] calore
ignis nigrum est in superficie et rugosum.
Piper autem nigrum est [illegible] et in longiori
tempore quam [illegible] piper nigrum in magna est
[illegible] custodiam. Quanto [illegible] est ponderosius
tanto est [illegible] et melius ut dicit [illegible].
Sophisticatur autem a mercatoribus [illegible]
[illegible] pipere [illegible] supponitur spu-
mam argenti [illegible] plumbi ut sic [illegible]
[illegible] ponderis esse [illegible] ysi.
Plinius autem libro 12° capitulo 5° dicit sic. Piper
quod per longam adhesionem solis nigrum
reddit et rugosum et hoc modo [illegible] piperis
[illegible] cum debet esse album [illegible] ex solis
[illegible] sic nigrescat hoc [illegible]
[illegible] ut possit [illegible] et [illegible]

Sed dyascorides dicit quod [illegible] qui de novo col-
ligitur illud ponitur in clibano et sic tor-
ret ut virtus germinativa a pipere auffe-
ratur, ne in aliis partibus valeat fructificare
et iterum pullulare. Est autem piper calidum
et siccum in 4° gradu ut dicit in platearius.
Habet autem virtutem dissolvendi stomacum et con-
fortandi [illegible] et attrahendi. Cuius
pulvis habet virtutem sternutationis provocandi
et cerebrum ex superfluitate flatica expurgandi
et iterum superflua corrodendi et spiritualia mem-
bra a frigiditatibus et [illegible] superfluitatibus
mundandi [illegible] cum ficubus [illegible]
[illegible] habet insuper virtutem calefaciendi stomacum
et confortandi appetitum provocandi [illegible]
[illegible] non est [illegible] usus [illegible]
[illegible] dissolvit [illegible] et [illegible]
et tandem lepra et alias passiones [illegible]
et inducit ut dicit in platearius. Piper [illegible]
granum est [illegible] [illegible]
[illegible] album sapore [illegible] odore aromaticum.

[illegible] medicine [illegible]
[illegible] non [illegible]
[illegible] est [illegible]
[illegible] ad plinium [illegible]
esset longum. Et [illegible]
[illegible] piperis [illegible]
[illegible] tamen [illegible] piperis copia [illegible]
[illegible] ut dicit [illegible]

De pulegio

de pulegio

Pulegium est herba multum aromatica
[illegible] dicta [illegible]
[illegible] est. [illegible] pule-
[illegible] herba [illegible] et sicca [illegible]
[illegible] in foliis et flore et debet colligi quando
est in flore et est duplex scilicet domesticum
et vocatur [illegible] et agreste [illegible].
Est multum utile et medicinale [illegible] virtu-
tem habet dissolvendi consumendi et confortandi
et [illegible] extinguendi et [illegible]
et [illegible] [illegible]
[illegible] vitandi [illegible]
et [illegible] confortandi stomacum
et appetitum [illegible] [illegible]
[illegible] et dolorem [illegible]
mitigandi [illegible] et [illegible]
[illegible] ut dicit plinius.

De porro

de porro

Porrum est nomen [illegible]
[illegible] dicitur hoc porrum [illegible]
hoc porrum [illegible]
[illegible] porrum [illegible]
et in libro [illegible]
[illegible] nobis porri [illegible]
[illegible] capitatum [illegible]
[illegible] capitatum [illegible]
[illegible] quod de loco ad locum est
translatum ut dicit ysidorus libro 17° porrum [illegible]
plus [illegible] capitatum [illegible]
[illegible] Est autem sapore album [illegible]
[illegible] tuniculis [illegible] in fine
plures radices [illegible] capillorum [illegible]

[illegible]

De quercu

Quercus [illegible] glandifera [illegible]

[illegible]

solebant [illegible] dicit ut dicit ysid. [illegible] quo solebant in ea antiqui [illegible] glandes ad [illegible]. Sicut dicit Ovid. [illegible] glandes et [illegible] arbor Iovi antiquitus consecrata ut dicit Ovidius [illegible] patula Iovis arbore glandes. Crescit autem [illegible] montuosis et calmosis et maxime in terra [illegible] inter quercus [illegible] in magnitudine arboris duricia et fortitudine [illegible] [illegible] ut dic. [illegible] super [illegible] 2°. [illegible] quercus [illegible] [illegible]

De glande fructu

Quercus fructus dicitur glandes que crescunt [illegible] folia [illegible] rotunda et oblonga [illegible] et [illegible] et sperulares [illegible] et [illegible] sicut ignis. Et sicut dicitur in [illegible] glandes [illegible] et [illegible] et [illegible] sunt digestionis et [illegible] ventris con[illegible] et [illegible] dolorum [illegible] per [illegible] grossos [illegible] glan[illegible] [illegible] ad [illegible] [illegible] Sunt autem in [illegible] [illegible] ad maturitatem [illegible] [illegible] in [illegible] rotundissimis [illegible] [illegible] et [illegible] [illegible] autem [illegible] medulla spissa et [illegible] quadam [illegible] [illegible] [illegible] et medulla, et [illegible] medulla et [illegible] magne stipti[illegible] et [illegible] et [illegible] boni [illegible] magis [illegible] viridis [illegible] maturantur et [illegible] dulci aqua [illegible] in sapore [illegible] aque dul[illegible] et calore [illegible] contra ve[illegible] [illegible] ad ve[illegible] [illegible] [illegible] [illegible] [illegible] ut dicit [illegible] in [illegible]

De quisquilliis

Quisquilie [illegible] [illegible] [illegible] ad [illegible]

de glande f[illegible]

de quisquill[illegible]

porosa [illegible] et [illegible] dicit ubi admixta
[illegible] [illegible] non inficitur et ex nihil
[illegible] non pondus [illegible] tamen
[illegible] [illegible] sunt et [illegible] candida
[illegible] et corrosiva [illegible] medulla sunt
[illegible] et de [illegible] tota [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] aggravat atque [illegible]

De rosa

Rosa ut dicit [illegible] est arbor famosa
et parva cuius virtus maxima
est in flore, secundaria in foliis et in
semine. Nam arbor est medicinalis tota
ad florem, quo ad folia, quo ad semen.
Est autem rosa duplex, quia quaedam est dome-
stica sive ortensis et quaedam silvestris. Or-
tensis plantatur et colitur sicut dicit [illegible]
si remanserit inculta et a suis non
purgata degenerat in silvestrem. Unde
rosa per frequentem mutationem [illegible]
[illegible] efficitur vera rosa. Differt autem
rosa ortensis a silvestri et in foliis mul-
titudine, quia folia silvestris sunt pauca
lata subalbida parvo rubore admixta
minus odorifera et minus operativa in
medicina. Folia autem ortensis rosae sunt
multa mutuo cohaerentia et numerosa
omnia rubea vel omnia albissima, mire
redolentia, in sapore stiptica et quodam-
modo [illegible] et magis efficacia
sunt et medicinaliter. Quanto magis conteruntur
et confringuntur tanto magis aromatica
et efficacia sentiuntur. Arbor spinosa autem
quandam dura et aspera oritur tamen per naturam
spinarum [illegible] [illegible] [illegible]
odore nobilitat spiritum suum [illegible] [illegible]
[illegible] [illegible] in [illegible] [illegible]
viridi seu [illegible] [illegible] [illegible]
[illegible] quaedam folia dura viridia et acuta
in quo medio [illegible] alia folia mollia
et sibi mutuo [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

sit [illegible] [illegible] [illegible] [illegible] [illegible]
adhaerentia [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] folia rubea et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
medio [illegible] [illegible] [illegible] [illegible]
et valde odorifera [illegible] super [illegible]
[illegible]. Primo autem formatur rosae fructus
ante [illegible] ad [illegible] [illegible] [illegible]
fructus est quaedam nodula rotunda [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] sunt [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] sapor stipticus
est et [illegible] [illegible] sunt sapor [illegible]
[illegible] sunt ad medicinam [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible]. Habet autem arbor rosae [illegible]
[illegible] [illegible] plantationem [illegible] [illegible]
[illegible] rosae [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible]. Flos rosae
inter flores obtinet principatum et ideo solet [illegible]
[illegible] [illegible] [illegible] rosarum floribus
[illegible] ut dicit Plinius. Et hoc [illegible] [illegible]
[illegible] et [illegible] [illegible] sua pulchritudine
[illegible] [illegible] suo odore [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] multis [illegible] morbis obviat
et succurrit [illegible] [illegible] [illegible] et
[illegible] [illegible] medicina. Ut [illegible] dicit [illegible]
rosae [illegible] multa [illegible] [illegible]
Nam rosa [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] reddit [illegible] et [illegible]
[illegible] [illegible] [illegible] modificat et [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible]. [illegible] [illegible] aqua
[illegible] et stiptica et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] et [illegible] [illegible] et [illegible] [illegible]
[illegible]. De rosis [illegible] in oleo [illegible]
fit oleum rosatum et [illegible] [illegible] [illegible]

[illegible] in [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] [illegible] tangit [illegible]

De radice

Radix a radio dicitur quia sicut [illegible]
radius [illegible] terre [illegible] profundo
vel dicitur a radio [illegible] radix [illegible]
pullulat. Est igitur arbor radix [illegible]
herbe [illegible] et est mollis in [illegible]
[illegible] mollis [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

in profundo [illegible] radix [illegible]
et disposicionem [illegible] calores
[illegible] in [illegible] radix [illegible]
[illegible] alie grossa alie media [illegible]
[illegible] Nam
si fuerit [illegible] calor
fortis [illegible] in figura
et [illegible] fuerit
grossa et [illegible] radix dura et
firma [illegible] caloris fortius
coagulatur. Si vero fuerit materia mediocris
et calor fortis equaliter ab omnibus partibus
a calore attrahitur et propter partium equalem
[illegible] rotundatur, et sic fit radix
rotunda in figura. Si vero fuerit calor
debilis [illegible] materia non potest multum ele-
vare nec dilatare, nec elevat partes
suas [illegible] pondus
[illegible] discordantur. Et sic in eis re-
linquitur forma [illegible] quadam modo
[illegible] et aspera forma [illegible] et aspirat
radix ab humore terre [illegible] caloris
[illegible] et calore terrestri [illegible]. Cum
[illegible] nutrimentum sibi conveniens attrahit
et incorporat [illegible] et disposicionem terre
radix disponitur [illegible]. Nam
que in terra dulci et mediocri [illegible] terra
nascuntur et aqua nutriuntur pluviali [illegible]
[illegible] laudabiliores quam non nu-
triuntur molli et palustri, ubi aqua stans
est et putrida. Qua [illegible] nutrimentum
propter malignitatem terre et corrupcionem
aque [illegible] sunt deteriores et minus salubres
tam in cibo quam in medicina, ut dicit Ysaac.
Radix occultatur sub terra, et latitat ab
aspectu [illegible] virtus efficacia manifestat
in fronde in flore et in fructu [illegible]
occultata [illegible] proficit et melioratur
que abscisa a terra deficit [illegible]
[illegible] arboris sive plante propter
disposicionem est ipsa radix [illegible] utrumque

[illegible] est et propter hoc utrumque na-
ture est et virtute nocivus substantia nutri-
et ipso profundius consistit sic se infigit
tanto stabilius solidius et firmius arboris
fundamentum. Radix eciam sic in sua sub-
stantia valet mollis virtuti et soliditati [illegible]
ratorio [illegible] durior procreat et [illegible]
ad eam fortius se profundet. Tempore
yemali calor naturalis fugiens frigus
ad interiora radicis se recolligit et simul
replicat ad sui temperamentum et nutrimentum
humorem a ramis [illegible] ad se attra-
hit et tunc yeme ex attracto humore
radix magis nutritur quam plures fron-
des et flores uno tempore post emittunt
herbe que plus [illegible] aut et [illegible]
in yeme evaporantes ad interiora in-
[illegible] Item qualitas bonitas
vel malignitas radicis ad ramos deri-
vatur, nam semper ondit in fructu et in flore
quid virtutis vel vitii lateat in radice.
[illegible] tamen ponticitas sive amari-
tudo humoris radicis digestione et dulcora-
[illegible] aeris et caloris [illegible] subtilitas
[illegible] depurat, sic frequenter accidit quod
radix amara fructum dulcem procreat et
producit, ut patet in radice nucis et olive
[illegible] ysa in dictis utilibus dicit et
[illegible] quod arbores que infirmantur et no-
[illegible] solet [illegible] in radice
quod [illegible] radix et lapis ponitur in fi-
ssura et sic effluit grossus humor
et corruptus et attracto aere novo
radicis [illegible] renovatur.
Item dicit ysa. galienus [illegible] et [illegible]
[illegible] omnis herba cuius
radix est multum [illegible]
non est [illegible] ut patet in pastinaca
et in rapa et huiusmodi [illegible] radicis
non est [illegible] herba

[illegible] radix [illegible]
[illegible] et [illegible]
[illegible]
et [illegible]
[illegible]
[illegible]
[illegible]
[illegible] sicut rapa [illegible]
[illegible]
[illegible]
[illegible] dulcis
[illegible]
[illegible]
[illegible]
[illegible] et [illegible]
[illegible]
[illegible] et [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

## De ramno

Ramnus est arbor multum
dura nodosa ramosa et spinosa
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

radices et [illegible] multi [illegible] esse [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]. Et ideo [illegible] quis [illegible]
[illegible] [illegible] calores [illegible]
[illegible] dissoluit inflamationem ad mo
[illegible] et [illegible] flatu [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] mirabile [illegible]

[illegible] dicit plinius li. xii. ca.
xi. inter genera arborum fructuum spinosorum
est [illegible] ramos et folia
[illegible] [illegible] non ad [illegible]
in ramis quosdam [illegible] [illegible]
sive fructus in quibus sunt [illegible]
[illegible] non adheret est [illegible]
[illegible] attractiva. Nam et [illegible]
[illegible]. Est autem arbor magne
[illegible] tam in radice [illegible]
et ramis est [illegible] medicina. Nam
[illegible] radices per decoctionem fit medi
camentum quod medetur [illegible]
et [illegible] oculos [illegible] et [illegible]
que oculos reddit claros. Nam [illegible]
[illegible] valet contra [illegible]
et [illegible] [illegible] ad [illegible]
[illegible] et gingivas putridas et
sanguinem [illegible] et [illegible] mulierum
profluvium [illegible] habundat [illegible]
[illegible] in [illegible] optime [illegible]
et [illegible] ut dicit plinius [illegible]
[illegible] labores et usque ad [illegible]

## De resina

Resina ut dicit ysy. li. xvii. est la
chrima sudor lignorum [illegible]
[illegible] balsamum [illegible] et [illegible] et arbo
et [illegible] sudare [illegible] resi
na [illegible] dicitur vel sudat
sicut ligna odorifera [illegible] sicut
gutta balsami et similia quedam [illegible]
[illegible] [illegible] in [illegible]
[illegible] resina terebentina et est [illegible]

[illegible] et affertur de Arabia Judea [illegible]
Cypro et Affrica et ab insulis maris.
[illegible] est [illegible] [illegible]
[illegible] insula portatur. [illegible] est [illegible]
et hec [illegible] est liquida [illegible] dura [illegible]
[illegible] [illegible]. Resina igitur
dicitur quodlibet [illegible] liquida vel arida
liquida resina balsamum, et terebentina dura
ut [illegible] thus [illegible] et [illegible]. Omnis
autem resina [illegible] est mollis et liquida [illegible]
[illegible] [illegible] [illegible]. Et
[illegible] talia liquida, et alia
[illegible] vel [illegible] indurat. Omnis autem
resina est [illegible] in medicina, et ideo resina
ponitur in nobilibus antidotis et unguentis
[illegible] autem [illegible] singularem querere
in locis suis

## De rubo

Rubus est [illegible] spinarum et [illegible]
et aliorum arculorum [illegible] qui in
aliis [illegible] sit ut dicit ysy. Et est rubus
sive rubetum [illegible] spinosi
fructum ferens mora agrestia, que pasto
res [illegible] [illegible] famem [illegible]. Cuius
fructus est rubeus, et ideo a rubore fructum
est [illegible] in ramos longos [illegible]
et rotundos spinosos et nodosos, et [illegible]
[illegible] rubeos et in se [illegible] se dif
fundit. Cuius folia sunt rubea [illegible]
et in lateribus [illegible] et [illegible]
[illegible] quosdam arculos [illegible]
[illegible] [illegible] et ad [illegible] valet [illegible]
[illegible]. Rubus a radice usque
ad summitatem [illegible] est et spinosus.
Cuius arculi [illegible] [illegible]
ad [illegible] [illegible] formam. Cuius
fructus [illegible] est [illegible] et valet [illegible]
[illegible] [illegible] rubeus [illegible]
ultimo [illegible] niger et dulcis qui [illegible]
est maturus. Cuius succus est rubeus
et [illegible] sicut sanguis et est [illegible]
[illegible] [illegible] [illegible] et [illegible]

de rubo

nocumentis naturalis quibusdam distinctus
et per quandam carnositatem humida nutritur
et gemmosus. Et est arbor mediocris
cum fructu suo. Et est rebus frigidis
et siccus [illegible] ut dicit [illegible]
Confert [illegible] cuius est stipticus et
valde contra colica [illegible] et [illegible]
contra ruborem oculorum [illegible] cum
albugine ovi [illegible] et [illegible]
Succus etiam [illegible]
[illegible]
[illegible] ¶ De fructu autem cuius [illegible]
[illegible] in [illegible] agrestibus
in terra [illegible] et est optimum [illegible]
[illegible] et [illegible]
spissitudinem et aculeorum multitudinem
bestias et transeuntes homines arcet ab
ingressu leporum et huiusmodi minutorum animalium
est receptaculum [illegible] in eo nidificantium
[illegible] est et [illegible]
ad hoc dati sunt aculei a natura ut
eis quasi [illegible] muniatur et defendatur. Et
ideo manus [illegible] fructus suos vul-
nerat et pungit et ad sua secreta
ingredi suos adversarios non permittit.
Rubus etiam umbrosus et obscurus
sua densitate solis radios prohibet. Et ideo volu-
cribus et aliis venenosis [illegible] est [illegible]
Et ideo quoque rubeto dicitur rubeta quaedam
rana venenosa quae rubos inhabitat et fre-
quentat. Unde iuxta rubos dormire et
quiescere non est tutum propter huiusmodi venenosa
ut dicit magister in hystoriis super [illegible]

De ruta

Ruta est medicinalis herba sic dicta
eo quod sit fervidissima. Cuius duplex
est species scilicet domestica et agrestis. [illegible]
est [illegible] sed agrestis maioris ut dicit
Ysidorus libro xvii capitulo ultimo. [illegible]
[illegible] et repugnare [illegible]
[illegible]

[illegible]
[illegible] ut dicit [illegible]
ipsius [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] appetitum [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] autem [illegible]
[illegible] est herba [illegible]
[illegible]
[illegible] pulmonis et pectoris [illegible]
[illegible]
[illegible] cum oleo [illegible]
[illegible]
[illegible] oculorum [illegible]
[illegible]
[illegible]
[illegible] potest [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
ad [illegible]
[illegible]
[illegible]
[illegible]
[illegible] ruta [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] dicit plinius li. xvi. c. [illegible] [illegible] sicut grandis [illegible] multi [illegible] ut narrat [illegible] urbani antiquitus [illegible] et varias passiones [illegible] in stipitibus sive in surculis et radice. Ita [illegible] in terra [illegible] est [illegible] Item dicit idem li. [illegible] Pitagoras qui putavit [illegible] nocivam esse [illegible] grandi [illegible] ¶ Contra pre[illegible] [illegible] plini[us] li. [illegible]

## De saltu et nemore

Saltus est vastus et silvestris locus habens arbores in altum consurgentes atque [illegible], ut dicit Ysi. li. xiiii. Dicitur etiam saltus quasi densitas arborum alta [illegible] eo quod saltat in altum et consurgit, et differt a silva, nam in silva reperiuntur arbores plures et breviores et spissius sibi invicem propinquantes. In saltu vero arbores sunt pauciores sed altiores sunt et maiores. Vel silva est spacium minus et brevius et dicitur a silon quod est lignum, quia multa ligna ibi cedunt et vastant. Et est idem silva et nemus et lucus. Sed silva dicitur a silen quod est densitas vel silentium, quia silva est [illegible] locus vastus et desertus et silentio plenus. Nemus vero a numinibus [illegible] quia [illegible] in silvis ydola statuebant et pro numine adorabant. Sunt autem [illegible] arbores maiores umbrose [illegible]

¶ Lucus autem dicitur densitas arborum solis lumine privatus et dicitur per antiphrasim a lucendo, [illegible] minime luceat [illegible] ut dicit Ysi. li. xvii. Saltus igitur et silve sive nemora loca vasta et deserta ubi crescunt multa ligna infructuosa et pauca fructuosa, et sunt infructuosa maiora et altiora quam que sunt fructuosa [illegible] quercubus atque fagis [illegible] silvestribus fecundantur. Gramina et pascua in silvis et saltibus germinant, herbe medicinales in nemoribus et silvis propter umbrositatem reperiuntur in estate [illegible] frondium et graminum decorate.

¶ In silvis est locus deductionis et venationis, nam ibi venantur fere et in eis multiplices insidie a venatoribus preparantur. Item locus est occultationis, nam in silvis sepius predones et latrunculi occultantur, in quorum insidias transeuntes spoliantur sepius atque iugulantur. Item in silvis propter viarum multitudinem et similitudinem sepe errant [illegible] et viam incertam et ignotam pro recta eligentes sepe ad latronum patibula non sine periculo deveniunt, et ideo sunt nota signa in arbustis sive arborum ramis ut [illegible] et tuta viatoribus ostendantur. A latronibus autem in bivijs mutantur sepius nota sive signa, et sic per signorum falsitatem multi deviant et a rectitudine vie aberrant. Item ad silvas aves confugiunt et apes, ut ille nidificent, iste ut mellificent. Aves itaque ut ab aucupe securentur, apes ut mellis favos in arborum concavitatibus compositos securius abscondant. Item etiam silve propter ramorum densitatem sunt frigide et umbrose; viatores estu solis fatigati in umbra silvarum refrigerio delectantur. Et silvas [illegible] magnitudine [illegible] ab invicem distinguuntur et per arborum mutuas compositiones et indagines

ab hostibus defendant.

salix

Salix est arbor aliquibus sic dicta eo quod celeriter saliat postquam ut alibi dictum fuerit vel plantatur ... Ysidorus libro 17. Arbor glutinosa est et mollis ... vinee palmitibus vite colligantur ut dicit idem. Hec arbor ... solum semen suum ... dicitur ... ut si quis in poculo sumpserit filios non generat, ymmo etiam filias efficit infecundas, sicut dicit Ysidorus libro 17°. De salice dicit Albertus libro 6° capitulo 30°. Salicum diverse sunt species. Nam quedam in magna proceritate ... crescuntque in altum et ... quarum cortices longi sunt ... ac fortes ... albi et ... de quibus viminula componuntur. Et alie salices que non sunt fortes non tamen sunt ita flexibiles ut minores et ... frangimentur quod ad aliquid ligandum ... torqueantur. Sunt et salices minores ... gratiliores ductiles super modum ac flexibiles, ita quod per circuitum flexione non rumpuntur, ymmo ad instar fili torti mortificantur et tales sunt ... ad vitres et ad dolia colligenda. Est et tertia species salicis que inter duas primas est in quantitate et flexibilitate media ... maior est et flexibilior et rigidior minori, et huius rami decorticato cortice sunt in colore candidi, et ... atque plani et non nodosi, ex quibus fiunt varia supellectilia in sportis et sportulis et canistris per ... pura durior fit in ramis. Omnis ... salix ... ad ... est in floribus et ramis ... si tempore debito ... tondeatur ut dicit ... super ambas arbores

... plantantur ... [illegible] ... sunt ... [illegible] ... defendant ... [illegible] ... [illegible]

... [illegible] ... salubres et ... [illegible] ... salix ... [illegible] ... plana ... [illegible] ... plantatur ... [illegible] ... dicit ... folia ... [illegible] ... potu ... [illegible] ... folia ... [illegible] ... et ... [illegible]

## De Sambuco

de sambuco

Sambucus vel sambuca est arbor mollis et parva eo quod ... quadam specie ... que ... dicitur ysidorus libro 2° ... arbor ... et plana ... [illegible] ... folia sunt plana et grossa ac graviter odorantia

flores et multos cauliculos habet in medio et [illegible] cortex huius duplex, exterior [illegible] interior, viridis est ille cortex [illegible] est actualiter. et Constantinus [illegible] plurimum in anno floret et fructificat. fructus eius est niger colore et [illegible] horribilis ac saporis et [illegible] ad vomitum. ¶ Est autem sambucus arbor calida et sicca. cuius cortex folia et flores [illegible] medicinae [illegible] Platearius. Diureticus [illegible] et flegma purgativa [illegible] contra [illegible] [illegible] multum [illegible] decoctio [illegible] contra [illegible] splenis et epatis [illegible] folia in [illegible] decocta et [illegible] folia eius ac cortices et [illegible] decocta in aqua tumores [illegible] [illegible] multum [illegible] eius valet contra [illegible] decoctio eius florum et fructuum [illegible] multum confert contra lepram [illegible] flegma [illegible] humores [illegible] vel corruptioni dispositos purgat. Nam si cortex eius media in [illegible] vel radix [illegible] sursum superius primo [illegible] superiores purgabit et si inferius per inferiores partes solvit, ut dicit Plinius, Dyascorides et Platearius.

## De saliuncha

Saliunca est [illegible] herba spinosa et nardus [illegible] saltare [illegible] [illegible] Virgilius dicens [illegible] saliunca [illegible] Et sic hec est herba [illegible] radix magna et longa pinguis [illegible] et racemosa sicut [illegible] et alio nomine [illegible] hastulas [illegible] et angulosas in quarum

[illegible] sicut [illegible] in terra sterili et arenosa et ab aliquibus proprio nomine [illegible] [illegible] [illegible] ramosa et dura [illegible] manu [illegible] multum [illegible] ¶ In parvo [illegible] in locis duris et lapidosis et est herba calida et sicca subtilis in sua [illegible] cuius radix decocta in vino [illegible] stomachum multum confortat.

## De stacte

Stacte de gutta myrrae arboris et etiam est quaedam ipsa myrra ut dicit glossa super Exodi 30. Sed declinatur hec stacte huius stactes [illegible] stacten indeclinabile [illegible] libro 3 ubi loquitur de odoribus dicit: Stacten [illegible] quod ex pressura manat, et est genus unguenti, quere supra de myrra in littera M.

## De storace

Storax ut dicit Ysidorus libro 17 est arbor Arabiae similis malo citonio, cuius virgulae [illegible] cavernatim lacrimas fluit. Cuius distillatio in terra cadens munda non est, sed in proprio cortice servatur. Illa autem quae virgis et calamis [illegible] albida est atque munda, sed postea efficitur fulva calore solis. Quaedam autem species eius dicitur calamites, quae est pinguis et resinosa, humecta et velut [illegible] odoris [illegible] odoris [illegible] emittens. Cuius gutta profluens et coagulata [illegible] appellatur ut dicit [illegible] Ysidorus. Item dicit glossa super Genesim 43 capitulo. Storax itaque arboris storacis est gutta quae est multum efficax in medicina. Nam secundum Dyascoridem et Platearium calida est et glutinosa et virtute [illegible] attractiva [illegible] tempus est [illegible] calamita [illegible] bona [illegible] quae ab arbore fluit [illegible] manat. Alia est storax albida et rubea quae fluit post [illegible] est

de stacte

de storace

[S]torax est storax liquida [illegible] solida [illegible]
in odore suavis in [illegible] [illegible]
[illegible] et in manibus [illegible]
[illegible] sophisticata
est [illegible] sophisticata [illegible]
dum [illegible] et pulverizatur et in [illegible]
[illegible] humectans [illegible]
[illegible] manibus et non [illegible]
[illegible] dulcedinis [illegible] non sophisticata
[illegible]
est [illegible]
[illegible]
facta et olfacta et [illegible]
[illegible] motos [illegible]
[illegible] et [illegible]
[illegible] storacis in [illegible]
plastris contra tineam et pustulas ca-
pitis et multas alias passiones valet.
Hucusque Dyas. et Plat. [illegible] storax ut
dicit Ysi. purgat aerem corruptum et fu-
gat omnem vaporem et fumum malum
pestilentie. De sicomoro

De sicomoro vel de ficu fa.

[S]icomorus dicitur ficus fatua in folys
moro similis in alys ficui, sicomoros ta-
men ut dicit Magister in hystoriis [illegible]
[illegible] ab altitudine [illegible] moro
enim longe procerior et maior est. vel
secundum alios dicitur a siche quod est ficus et mo-
ros quod est fatuitas quasi fatua ficus sicut
dicitur in glo. super lucam 19. Item est sicut
Dyas. sicomorus ficus silvestris fructus
quosdam subdulces sed nunquam pervenit
ad maturitatem sicut de [illegible] dicit
Plinius li. 15. ca. 19. ficus silvestris
nunquam maturescit [illegible]
[illegible] Dyas. quod sicomori [illegible]
[illegible] lacrimam admodum [illegible]
et illud est medicinale [illegible]
[illegible]
splenis [illegible]

De spinis

[S]pina dicitur arbor [illegible]
[illegible]
[illegible] contra [illegible]
est [illegible] ut dicit Ysi. [illegible]
dicitur spina [illegible]
[illegible] sicut spina [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
ubi dicitur [illegible]
[illegible]
[illegible]
[illegible]
[illegible] in spina
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] spinas [illegible]
[illegible]
[illegible] spinas [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

pp [illegible] nō [illegible]
spine [illegible] folijs remanet
[illegible] amplius [illegible] ap [illegible]
[illegible]
[illegible] inflammati. Et sim
[illegible] ac reptantes [illegible] nō modo
[illegible] post mortē [illegible]
[illegible] sup [illegible] Nō [illegible]
[illegible] sunt [illegible]
[illegible] spinis [illegible]
[illegible] sua [illegible]
[illegible] quas [illegible]
[illegible] supra [illegible] herba [illegible]

De lignis sethim

Sethim ligna dicunt^a nr̄i [illegible] arbo
res spinose leues et imputribiles
similes albe spine [illegible]
dicit^a [illegible] sup exodi 29^o. Ubi de
Sethim [illegible] est [illegible] et ar
bores que albe spine folijs est [illegible]
[illegible] ligni imputribilis [illegible]
[illegible] dicit^a in aurora [illegible]
Sethim [illegible] putredini [illegible]
[illegible] que [illegible]
[illegible] per [illegible]
[illegible] ad [illegible]
[illegible] scriptura et [illegible]
[illegible] folia
[illegible] spinosa [illegible] flores [illegible]
[illegible]
[illegible] quasi [illegible]
[illegible] capitella spinosa [illegible]
[illegible] et [illegible]
[illegible] spinis [illegible]
et potatur [illegible] herba [illegible]

De sentix herba

Sentix sentix est herba vel [illegible]
[illegible] folia [illegible] et [illegible]
[illegible]
[illegible]
[illegible]

[illegible] dicit ysi. [illegible]
ut [illegible] est [illegible] longa
[illegible]
[illegible] ut dicit dyas. [illegible]
[illegible] separatur

De sepe

Sepes sepis est genus munitionis
facte ex sentibus spinis atque lignis
[illegible] figuratur
[illegible] virgule [illegible]
sicut domus vel segetes sepibus [illegible]
muniuntur et dicit hic sepes [illegible] sepis
[illegible] non est sepes [illegible]
[illegible] sepes [illegible] latitat [illegible]
[illegible] ut [illegible] et serpentes, unde
[illegible] sepis [illegible] serpens [illegible]
non solum corpus [illegible] etiam ossa [illegible]
[illegible] novo [illegible]
[illegible] ossa [illegible] dissolutis. Cum [illegible]
[illegible] sepes [illegible]. Et ideo [illegible] sepium [illegible]
[illegible] est periculosum propter latentia [illegible]
[illegible] sepes et [illegible] reponuntur
et ideo non [illegible] nisi [illegible] et [illegible]
[illegible] custodiunt [illegible] paulatim
[illegible] et [illegible] ex [illegible] putrefactis
nihil nisi [illegible] provenit, [illegible]
dicit [illegible] sepis dicitur [illegible]
i. ambitus [illegible] dicitur [illegible]
[illegible] i. ambitu [illegible]
[illegible].

De sude

Sudes sudis est palus in utraque extre
mitate ex acutus, a, [illegible]
dictus, quia sepes que [illegible] sudibus [illegible]
[illegible] figuntur
ut dicit ysi. [illegible] sudes
dicitur a sudo sive a sudo suda [illegible]
quod est [illegible] nudus [illegible]
[illegible] et [illegible] prius
[illegible] infiguntur quanto fortior
[illegible] in terra profun
[illegible] fortius

[illegible] et est [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] dicit [illegible]
[illegible] est humoris [illegible]
[illegible] sunt [illegible] obiecta [illegible]

## De siliqua

Siliqua est [illegible] leguminis [illegible] libus et [illegible] quod magis [illegible] quod restringat ut dicit [illegible] super lucam 15 c° [illegible] in leguminibus [illegible] siliqua est folliculus cuiuslibet leguminis et [illegible] [illegible] quo [illegible] ysi. autem li° 17° dicit siliqua quia latini corrupte siliquam vocant [illegible] a grecis accepit quia est [illegible] fructus est dulcis [illegible] [illegible] dulce et hinc [illegible] plinius li° 16 ca° 24° ubi dicit [illegible] [illegible] siliquae sunt [illegible] longitudinis [illegible] et 10 et in li° 16 ca° 29° vel 10° [illegible] qui dicitur [illegible] ficum egiptiacum sed hic est error manifestus [illegible] non [illegible] sed in syria

## De sinapi

Sinapis dicitur a [illegible] quod est simul et napus [illegible] quia in foliis napo similis ut dicit ysy. li° 17° / de sinapi dicit plinius li° 20 ca° 24° inter ceteras quas pitagoras laudaverit herbas affirmat [illegible] laudem tribuisse sinapi et dicit eam [illegible] herbas optimum [illegible] [illegible] et sicca in 4° gradu [illegible] grossos et viscosos extenuat atque purgat spiritum et scorpionum ictus addito aceto sanat [illegible] [illegible] dolorem mitigat et cerebrum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] provocat et [illegible] [illegible] et [illegible]

[illegible]

## De somno

[illegible] quod [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vel [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] ubi [illegible]

[illegible] semen tempore [illegible]
Semper [illegible] pro semine [illegible]
[illegible] spica [illegible] in aqua
[illegible] in arida [illegible]
[illegible] ut dicit plinius li. 18 ca. 24.
[illegible] est annualis bimus et trimus
[illegible] ex pluribus vallibus et illud granum
est [illegible] subsidit pro semine seminandum
[illegible] est enim optimum granum gravissimum
et [illegible] et illud semen optimum
est [illegible] magis ponderosum est [illegible]
magis album. Item dicit qualitas terre
est semen densius vel rarius seminandum
[illegible] citius vel tardius et plurimum
[illegible] dum sarrus semina ultra [illegible]
Est autem [illegible] secundum [illegible] in
terra pingui et humida quam in macra [illegible]
in terra pingui minus [illegible] et [illegible]
multitudinem nimia [illegible]
se destruit opprimit et confundit. [illegible]
[illegible] seminatur debet con-
densius quam quod tardius seminatur. Item
[illegible] debet esse rarum ne nimia
densitate [illegible] est semen semi-
natum in [illegible]
[illegible] semper quia non [illegible]
[illegible] est transferendum semen de locis
frigidis ad calidiora [illegible] Nichil quoque
[illegible] est semen seminatum in mari [illegible]
solo [illegible] fiunt culmi spica minutum
[illegible] et [illegible] pinguia [illegible]
[illegible] radicem fundunt [illegible]
[illegible] in autumpno [illegible] est
[illegible] sationis [illegible] in [illegible]
[illegible] in terra [illegible] secunda [illegible] est quod
[illegible] seminantur [illegible] ante [illegible]
[illegible] seminantur [illegible]
post [illegible] si seminantur [illegible]
[illegible] plinius ca. 24. Semen
itaque est granum modicum rotundum habens
in se virtutem sue [illegible] multiplicative
et conservative [illegible] semen terre
committit [illegible] humore [illegible]

ex calore [illegible] recipiente [illegible]
[illegible] ad suum [illegible]
tum attrahitur [illegible] et grandescit
et fit [illegible] seminis [illegible]
latius [illegible] et radices [illegible] in terra
figit quibus [illegible] nutrimentum sibi [illegible]
[illegible] et fit tandem virtute caloris terra insen-
sibiliter apperit et prorumpit ex se produ-
cens semen culmum frondes et flores atque
fructum et [illegible] modicum sit quod seminatur
maximum est quod ex semine generatur. [illegible]
[illegible] putatur quod semen quod [illegible] est in
[illegible] quod per sationem nullatenus
[illegible] et viget [illegible] seminalis
in qua operatur calor naturalis et ad cuius augu-
mentum [illegible] et nutrimentum humorem nu-
trimentalem attrahit virtute caloris.

De semine sive spica

De semine autem mediante culmo
surgit spica que sicut ysidorus li. 17. a
spiculis est dicta eo quod in spica producuntur
aristarum culmina quemadmodum spiculorum sunt ac-
uta, ad hoc enim fiunt [illegible] articulos in ipsis
spicis ut contra subitos avium minutarum
[illegible] morsus in spicarum summitatibus
sint arma ut dicit idem. Spica autem secundum
diversorum seminum naturam se diversificat in
figura. Nam quedam est lata ut in ordeo quedam
triangula ut in spelta quedam tetragona
seu quadrangula ut in triticio [illegible] est
rotunda ut dicit plinius et [illegible] est
autem spica in culmi summitate multis
foliculis circumdata in quibus velut in ma-
trice grana seminalia nutriuntur et usque
ad maturitatem spica conservantur. Et in quibus
foliculis recepticulis sunt grana primitus
clausa manent deinde paulatim [illegible]
[illegible] granis maxime in tritico sunt
[illegible] ut dicit supra [illegible] plane
[illegible] recepta [illegible] in primo calore
[illegible] elevantur sed quando tendunt
ad maturitatem ex granorum pondere inferius
aliquantulum inclinantur [illegible] que sunt

Spice in bladis ex corrupto aere et rore pcusse in corruptibilem et aruginem conuertunt et grano et medulla spoliant et in nigredinem conuertunt, ymbre uero et rore congruo pcusse et calore celesti more debito excoctæ citius maturescunt et pp roris humiditatem cum ma sua radix a calore desiccata non pmittunt ut dicit plinius li° 17°. Item dicit Al. ysaac et constantinus. Ex bonitate etiam terre cognoscitur bonitas spice quia in bona terra et pingui crescunt bona spica quantitate magna et granorum numero collectorum multiplici et refecta, in terra uero sicca et macra e contra ut dicit plinius li° eodem

De stipula

Stipula ab usto est dicta quasi ustipula collecta enim messe stipula urebatur pp culturam agri ut dicit ysy. li° 17°. uel dicitur stipula a stipo stipas, quia stipula facit culmum qui stipat ut dicit hugutio. est proprie aliud stipula aliud stramen uel palea cum foliis et uaginis quod relinquitur in agro spicarum multitudine pcussa falcibus et a messoribus recollecta, et hec stipula a multis recolligitur ad diuersos usus, nam quidam inde co[illegible] mos [illegible] quidam loco straminis stipula sibi sternunt, alii paleas, hic [illegible] inde [illegible] alii uero ignes stipula nutriunt et panes ac [illegible] inde coquunt ut dicit plinius li° 17° ca° 30°. Quere sup de palea in lra p. Stipula quidem est res leuissima et humida curuata et uento subdita et ab igne facillime inflamata ut dicit idem

De simula

Simulla est tritici medulla farina purissima et delicata unde fit panis nobilior qui simillago etiam nuncupatur et est flos tenuissimus farine mundissime et [illegible] sima ac diuersis cibis apta, ut [illegible] Quere sup de farina in lra f. et de polenta in lra p.

De stopa

Stopa [illegible] dicta a stipo uel a stupo stupas quod idem est quod purgare purgatorium quia [illegible] superius terra ut dicit ysy. li° 17°. [illegible] [illegible] bona [illegible] sicut [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] sicut [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] loco panis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] si non [illegible] [illegible] [illegible] [illegible] etiam [illegible] in aliquo [illegible] sub fimo diu a calore [illegible] [illegible] [illegible] [illegible] et [illegible] in pinguedine [illegible] [illegible] [illegible] in ultima [illegible] [illegible] [illegible] [illegible] modum [illegible] [illegible] [illegible] [illegible] et [illegible] in multis usibus est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]

De stupa

Stupa est purgamentum canapi siue lini et dicitur secundum antiquos stupa eo quod [illegible] [illegible] nauium stipent [illegible] [illegible] [illegible] [illegible] qui eam [illegible] in [illegible] et [illegible] ut dicit ysy. [illegible] [illegible] de [illegible] [illegible] [illegible] [illegible] et per [illegible] stupa a lino uel canapo separatur [illegible] separata [illegible] nodosior et [illegible] [illegible] et [illegible] [illegible] [illegible] ad [illegible] et fila [illegible] [illegible] est multum apta [illegible] [illegible] [illegible] multum [illegible] [illegible] et [illegible] [illegible] ex quibus fiunt legumina [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] facile [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] reddit [illegible]
[illegible] et qui [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] est [illegible] [illegible] [illegible]
ad [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible]
[illegible] ut dicit [illegible] li. xvii. c. x.

De taxo arbore

d. taxo arbore

T[illegible] [illegible] arbor [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
flexibilibus et longis ex [illegible] [illegible]
sunt [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] cuius umbra est no
[illegible] [illegible] [illegible] sub ea [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] ut dicit ysa.

De tabula

d. tabula

T[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] tabula [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et quodam limbo [illegible]
[illegible] et ambit. Alio modo dicit tabula
[illegible] quia [illegible] [illegible] duplicat et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] lignum pla
num et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] in
utraque parte [illegible] et artificiali [illegible]
et replentur [illegible] nigra [illegible] vel rubea
ad scribendum et dicuntur tales [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] in [illegible] tabulis [illegible]
[illegible] tabule [illegible] [illegible] [illegible]
[illegible] [illegible] ligno planato durato et
[illegible] componuntur. Alio modo dicitur tabula
a [illegible] quia [illegible] [illegible] [illegible] [illegible]
longius [illegible] [illegible] et [illegible] [illegible]

vel dolatur [illegible] [illegible] ligna ad domus
[illegible] fiunt [illegible] que ex [illegible] tabulata
[illegible] [illegible] ex [illegible] tabulis
artificiali [illegible] [illegible] [illegible] mira
et multiplici [illegible] [illegible]
post [illegible] [illegible] [illegible] [illegible]
ut tales tabule [illegible] [illegible] coniungat
[illegible] domus [illegible] et [illegible] porta i solarijs
omnibus [illegible] ab [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] trabes [illegible] p
latum sibi [illegible] [illegible] [illegible] [illegible] vel [illegible]
distantia sup positas / quarum substrata
[illegible] se [illegible] ut minus [illegible]
[illegible] pavimento / vel ab alijs rebus sup
positis [illegible] tabulata [illegible] [illegible]
Navibus [illegible], pontibus construendis /
[illegible] et alijs [illegible] fabricandis
tabule [illegible] planantur et dolantur [illegible]
[illegible] et alijs artificijs [illegible] [illegible]
ad tabulas [illegible] confugiunt naufragantes
[illegible] sic a periculo sepius liberantur.

De trabe

d. trab

T Rabes est lignum transversale quod
ponitur per latitudinem domus in
utraque [illegible] parietes tangens et
tenens vel ne lapsum vel [illegible]
[illegible] suam altitudinem patiantur / et dicitur
trabs vel trabes. a traho trahis [illegible] ab
uno pariete / ad aliud trahitur [illegible] [illegible]
et [illegible] ut dicit huguccio. Oportet autem
ut trabs sit longa fortis et spissa et
maxime [illegible] [illegible] ne forte si fuerit
minus grandis in medio [illegible] / [illegible]
[illegible] [illegible] periculum [illegible] oportet [illegible]
[illegible] vel statua substituere / Nam lignum
[illegible] ponitur per transversum [illegible]
indiget / quod [illegible] alia sibi supposita
[illegible] facile substituitur.

De terebinto

d. tere

T Erebintus ut dicit ysi. li. 18. arbor e.

Et dicitur a perisso quod est perustio quia perunt in pilla diuturnam diuturnitate/ potus aut fartus propter sanum dicitur ab ysid. in dict.

### De tribulo

Tribulus est frutex spinosus qui vocatur hoc est quasi arbor et durior quam herba cuius duo sunt species. Una maior que refert similitudinem sepre. ut dicit plinius tribulus dura res est sepia villans [illegible] refert sed eius fructus crescit et dum sursum extollitur [illegible] et [illegible] se refloret / Alter habet acutissimos et acutos [illegible] et acutos et singulis et virgulis et [illegible] [illegible] aculeis sunt muniti. Alia est tribuli species minor et refert in locis palustribus et in campis, et est minor in longitudine et grossitudine quam sit maior folia habet minuta et rotunda astulas prout [illegible] tenecas rubras spissas per terram et diffusas aculeatas per totum et spinosas flores facit albos et fructum primo viridem deinde rubrum tandem nigrum. Et hunc fructum diligunt serpentes columbe et buffones. Et ideo talem fructum comedere hominibus non est tutum/ Et si quis comedit liberari [illegible] debet illum qui a terra magis est elevatus et non est nimis maturus quam integer est et in tactu a muscis vel ab avibus non corrosus/ tribulus autem campestris ut dicit plinius creatio et frugibus est inimicus tenax enim est et multum se multiplicat et vix eradicari potest quam in aliquo agro radicatur et ideo messem comminuit et confundit/ pedes et crura transeuntium et manus se tangentium multum ledit et transeuntes sepe radicat vel respitare facit / vestes hominum delaniat et dissipat et animalium se pascentium lanam rapit et ideo dicitur tribulus a tribulando quia ledit et tribulat sibi appropinquantes.

### De thimo

Thimus est herba nobilis [illegible]. Unde virgilius Redolet thimo fragrantia mella.

Cuius flos dicitur epithimum et est flos medicinalis [illegible] purgandi melancoliam et fleuma. Et ideo valet quartanam et alias malencolicas passiones.

### De thiamate

Thiamama [illegible] est [illegible] [illegible] [illegible] et [illegible] [illegible] et [illegible] separata sicut de [illegible]. Et est dicta a [illegible] [illegible] [illegible] [illegible] [illegible] sicut thimus sicut dicit ysid. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] super altare [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] odoriferum [illegible] [illegible] est [illegible] [illegible] thure [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] thus est [illegible] [illegible] [illegible] [illegible] [illegible].

### De thure

Thus est nomen arboris et gummi [illegible] [illegible] [illegible] ysid. li. 17. Dicit thus est arbor arabie [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] aromaticum et album [illegible] [illegible] [illegible] et [illegible] [illegible] resolutum [illegible] pinguior et igni appositum facilius ardens et appellatur thus masculus [illegible] rotundum admodum testiculorum [illegible] [illegible] et plerumque subrossum et est masculo minus bonum [illegible] adulteratur aut admixtione resine alterius [illegible] gummi [illegible] [illegible] [illegible] [illegible] qualitate. Nam thus igni appositum ardescit resina vero fumescit gummi autem calefactum resolvitur et liquescit. Arbor autem [illegible] fluit thus dicitur libanus et eius gummi [illegible] a medicis olibanum nuncupatur [illegible] a [illegible] sic vocato [illegible] a libano arbor fluens olibanum libanus nuncupatur ut dicit ysid. Et dicit glo. super [illegible] [illegible] et superiorum [illegible] quasi libanus [illegible] libanus ut dicit [illegible] arbor est [illegible] cortice et folio lauro similis fructum [illegible] [illegible] in [illegible] [illegible] [illegible] et in [illegible]

[illegible] ad partem rinceionis [illegible] fluit sibi et in pro
[illegible] melius est quod uero in estate [illegible]
[illegible] paulatim [illegible] [illegible] in autumpno
[illegible] est nec ita purum sed illud
quod [illegible] ramis et [illegible]
[illegible] induratur et a ramis [illegible]
thus [illegible] est quod album est solidum et
[illegible] odoriferum et rotundum ad modum
[illegible] oblongum [illegible] de masculo
Thus uero quod [illegible] in autumpno
uel [illegible] non est album [illegible]
[illegible] quia illud album
est et [illegible] odoriferum [illegible] atque
mondum. Thus uero [illegible] et tenue et
[illegible] dicit [illegible] Regio
autem ubi [illegible] est montuosa
et [illegible] et [illegible]
est [illegible] ut dicit glosa super [illegible] omnia
dicit plinius libro 12 capitulo ubi dicit quod arabia
regio [illegible] sabea uel sabba
[illegible] montes [illegible]
[illegible] est terra [illegible] mare et
[illegible] montibus et rupibus
[illegible] arbores [illegible]
[illegible] diligit [illegible]
Arabes [illegible] thus [illegible]
[illegible]
[illegible] non [illegible]
[illegible] religionis [illegible]
[illegible] uindemia est [illegible]
[illegible] Nam [illegible]
[illegible] profitetur [illegible]
[illegible]
[illegible] est [illegible]
[illegible] uinum [illegible] ad [illegible] in
[illegible] comparabile est [illegible]
[illegible] autem [illegible] arboris [illegible]
[illegible] et quidam
putant in [illegible] melius [illegible] esse [illegible]
[illegible] in insulis nasci [illegible] thus

[illegible] in ciuitate que
sabatham dicitur [illegible] ad hoc [illegible]
[illegible] per alexandriam [illegible] longe
[illegible] fuerant [illegible]
[illegible] non in [illegible] et sacer
dotes [illegible] nisi
prius deo [illegible] porcio offeratur. Candore probatur [illegible] carbone
si statim ardet et inflamat et [illegible] frangitur in
puluere [illegible] plinius
Item dicit [illegible] et plat[earius]. Thus est gummi
[illegible] arboris in alexandria et
dicitur olibanum alexandrinum quod est
melius et preciosius. Aliud inuenitur
[illegible] olibanum damascenum et dicit da
mascenum et non est ita bonum neque ita
purum sicut primum. Est autem calidum
et siccum aromatizatum multum pingue
et glutinosum. Virtutem habet confortandi
ex aromaticitate sua consolidandi et
constringendi et conglutinandi ex gummo
sitate sua potest stringere lacrimas
et fluxum humorum a fronte [illegible] et capite
[illegible] fluunt per uenas ex fronte
facte si circa tempora [illegible] puluerem
cum albo et albugine oui [illegible] emplastrum. Sic etiam sedat dolorem dentium et
gingiuarum. Masticatum thus prohibet
fluxum humorum a capite ad membra
spiritualia ad pectus [illegible] et [illegible] suffocationem et [illegible]
[illegible] in quo fuerit thus [illegible]
[illegible] confortat et [illegible]
et [illegible] eius [illegible]
[illegible] eius [illegible] et [illegible]
[illegible] mamillas tumidas puellarum
[illegible] cum [illegible] subuenit
dolorem aurium mitigat cum uino mixtum.
[illegible]

vino libatur utriusque depis et plates. Vocatur autem sicut ysi. a phrodi? quod est dulcis quia in dorso saccaros adolet et sic est aspera autem vel dicitur a tondendo. dicitur habilis est ad tondendum et semper tondetur et quo plus tondetur crescit plus et facilius inflamatur et [illegible] ravet asperatur. Cortex eius [illegible] pro- cedit [illegible] modum [illegible] et est [illegible] gracilis multum mobilis multum [illegible] volutionibus [illegible] et se ad pro- [illegible] motu [illegible] Vertex superiora se dillatans [illegible] aera obumbrans odoris sui fragrancia [illegible] [illegible] ad [illegible] [illegible] [illegible] confortat et [illegible] [illegible] ventriculos se [illegible]

De vimine

Vimen vimineus dicitur virga non alta de vimine eo quod habet vim multa viroris. Nam eius natura est talis ut etiam arefacta si in aqua abluatur iterum revirescat ut dicit ysy. li. 17. Et viminibus fiunt nimia vinclis vinearum et doliis alligandis [illegible] ligamenta ut patet [illegible] in litera S. [illegible] ibi de salice.

De virga

Virga proprie est que de ramis nascitur et dicta a virtute eo quod in se virorem multa habeat vel dicta a virore nam virtus que latitat in radice reliqua producit in virore. Vnde dicitur virga quasi vi regens. Est virga [illegible] magistri ad plantandos in se spiritus et [illegible] in virga hos substinuit alligatos. Virga etiam utuntur [illegible] reges et magi ut dicit ysy. li. 17. Virga etiam utuntur viatores agrorum et vinearum et [illegible] seu pratorum ductores [illegible] et [illegible] pastores. Virga [illegible] [illegible] componitur [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] ligno [illegible] et substanciali [illegible] [illegible] ab extra [illegible] [illegible] [illegible] Nam [illegible] [illegible] [illegible] super [illegible] [illegible] [illegible] pro pelle lignum pro osse [illegible] [illegible] bene. Nam calor naturalis [illegible] [illegible] in medulla [illegible] [illegible] [illegible] pullulat humorum attrahit [illegible] [illegible] et [illegible] et transfert [illegible] [illegible] transmittit in lignum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] transmittit ad virgas superiores [illegible] produceret florem et [illegible] fructum [illegible] [illegible] [illegible] [illegible] flos [illegible] fructus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] violatur. Nam flos in [illegible] virga [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] potius et [illegible] virga [illegible] [illegible] fecundatur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quousque [illegible] ad [illegible] [illegible] et est media [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] producit [illegible] [illegible] flexibilis est [illegible] et [illegible] facile inclinabilis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] virga [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] ... [illegible]
[illegible] ... [illegible]
[illegible] ... [illegible]

De virgulto

Virgultum [illegible] ... [illegible]

De vite

Vitis dicta [illegible] ... [illegible]

[illegible] ... palmites substinent

... et [illegible] ... frementum [illegible]
[illegible] ... fuit [illegible] quibus
propria ligamina longius [illegible]
[illegible] ... et fru-
[illegible] fructus [illegible] ... autem
[illegible] ista ablaqueatio.
Ablaqueare autem est terram circa radices
aperire et [illegible] ... et radices
[illegible] habeant [illegible] et
[illegible] radio solis vi[illegible]
Item est quarta putatio, et est putare
[illegible] de vite superflua resecare
[illegible] luxuriat. Item
quinta propagatio et est propagi-
nare [illegible] substituere et quasi
[illegible] et propagi-
nes dicuntur [illegible] vitis extensiones.
Item est quinta fossio, et est fodere
terram movere fossorio vel ligone
et radices herbarum superfluas amo-
vere, et sic vites melius fovean-
tur. Item sexta est pastinatio, pastina-
tio est pastinare, id est pallos figere
iuxta vites, ut sustentur, ut dicit Papias.
Et dicitur a pango pangis, quod
est idem quod pallum figere vel plantare
ut dicit idem. Cum dicitur autem pastinare
est fimo vel terra pingui [illegible] pa-
scere et nutrire ut amplius fructi-
ficet. Item est quinta pampinatio.
Et dicitur pampinare pampinos, id est
folia superflua de vite amovere, ut
vites liberius aerem purum capiant
et a sole non obumbrentur [illegible]
[illegible] pampini [illegible]
[illegible] folia quorum subsidio [illegible]
[illegible] ... defensae et [illegible]

[p]ariunt. Et qui pampini non sunt uti-
les et solares radios ad maturitatem
fructus facilius admittat. Et sunt dicti
pampini ... palmites pendent ut
dicit [illegible] li. 17. [illegible]
[illegible]
[illegible]
[illegible]
plinius li. 17 ca. 22. Vitis que prudenti
tempore ... et modo debito a [p]ressione
vitibus [illegible] et [illegible] qua
fructus et flores in poste pariuntur.
Nisi pressione superfluorum castigentur
tota sufficida et sterilis redditur. Nihil
enim ambitiosius nascitur. Et non nisi vires
ad pariendum serventur. Non est fructum
paritura. In vite autem [illegible] ut male pa-
reret quod ... et ideo quicquid [illegible]
[illegible] a vite demitur fructui accedit. Vites
non putationis tempore. Quanto citius putatur
tanto plus effundit de [illegible], et quanto se-
rius tanto facit fructum uberiorem. Ita
tamen quod putatio debitum tempus non exce-
dat. Vult vites graciles et teneras ci-
tius oportet putare. Validas autem novis-
sime. Debet autem fieri pressio obliqua
et non decurtatio. Sicut cito descendat et [illegible]
nant gutte pluviales per quas [illegible]
tiam et per maturitatem super plana [illegible]
[illegible] vitis summitas [illegible]. Et quanto
vitis est gracilior et macrior, tanto
plus de ea putandum est. Que autem [illegible]
[illegible] indiget non debet [illegible]
quod est enim una nisi vinea sit no-
vella. Sed potius alia que magis sunt
remota. Hic via subplantari [illegible]
[illegible] et pullulat alias [illegible]
[illegible]. [illegible] et fructus [illegible]
et statim [illegible]
[illegible] vitibus accidit morbus [illegible]

germinat [illegible] tempestate austri [illegible]
aut [illegible]
[illegible] tempore [illegible] flores [illegible]
[illegible] aut [illegible]
[illegible] aut [illegible]
Aut [illegible] super [illegible]
[illegible]
Et [illegible] a suo [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et gelam [illegible]
[illegible] vitis gemma et folia [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] fructus [illegible]
[illegible] vitem [illegible]
[illegible]
[illegible] vitibus sunt nociva [illegible]
et [illegible]
et [illegible] et vitis [illegible]
[illegible]
[illegible] vitium [illegible] plinius
li. [illegible] ca. 20 dicit [illegible] et apud [illegible]
vites [illegible] naturalis
in aliquibus [illegible] vites [illegible]
magne ut ex corpore [illegible] statue fiat
et [illegible]
in urbe [illegible] templi
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et [illegible]
et [illegible] post [illegible]
in [illegible] usque ad [illegible] arbores

[illegible] et [illegible] quasi maculo
[illegible] suis [illegible] se commiscet. Vero
est utilis et medicinalis [illegible] in fontibus
[illegible] fructu et [illegible] ac reddit liquorem
[illegible] arborum [illegible] in [illegible]
lacrima [illegible] purgat [illegible] et [illegible]
[illegible] utilis [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] fructus [illegible]
[illegible] et [illegible] folia
[illegible] plana [illegible] et
[illegible] lata et [illegible]
[illegible] [illegible]
[illegible] quorum umbra [illegible]
et quiescunt [illegible]. Et sunt multum
medicinalia [illegible] mondat et
[illegible] aqua decocta [illegible]
et calorem febrilem mitigant. [illegible]
et tumorem [illegible] cathaplasmata [illegible]
[illegible] coagulatum sanguinem [illegible]
[illegible] et [illegible]
[illegible] lacrima potata [illegible]
[illegible] ut dicit [illegible]
[illegible] tollit [illegible]
et [illegible] fit [illegible]
[illegible] ad [illegible] qui
[illegible] et [illegible] tumores
[illegible] dissoluit ut dicit [illegible] et plinius
[illegible] folia vitis dolorem capitis
[illegible] inflationes sedant. Cum
farina [illegible] curat [illegible]
[illegible] sanat si [illegible] bibunt
[illegible] Lacrima vitis cum oleo [illegible]
[illegible] ad modum [illegible]
pilos [illegible] et hoc maxime facit
lacrima [illegible] ramus vitis [illegible]
[illegible] et [illegible]
[illegible] vitis et folia arida vulnerum
sanguinem sedant [illegible] vulnus [illegible]
atque sanant. Cinis vitis [illegible] fistula
purgat atque curat [illegible]
[illegible] mitigant [illegible] et [illegible]

plagas cum oleo [illegible]
pillos [illegible] et [illegible]
[illegible] plinius

De viti agresta

Vitis agrestis est lambrusca scilicet dicta
[illegible] [illegible] nascitur sicut
dicit ysidorus. dicta [illegible] in [illegible] marginibus [illegible]
a labro [illegible] de lambrusca scilicet ab [illegible]
terminis [illegible] nascitur sicut dicit ysidorus libro xvii.
Est autem [illegible] in foliis [illegible] non
tantum in fructu. Nam fructum facit mo-
dicum aut nullum, et si quem facit ille
durus est et stipticus et amarus. Vitis vini-
fera degenerat sepe in lambruscam, quam
non [illegible] putatur. Et [illegible] lambrusca
fit vitis vinifera per culturam et [illegible]
[illegible] ut dicit plinius. Et quamvis lambrusca
inutilis sit quo ad cibum, utilis tamen est quo
ad medicinam. Nam eius radix elixata
in aqua pluviali et mixta vino, ydropicos
sanat, omnes maculas tollit et [illegible], pul-
vis radicis eius contra [illegible] mirabiliter
[illegible] ut dicit dyascorides. Lambrusca [illegible]
pellos [illegible] appellatur [illegible] foliis [illegible]
[illegible] super [illegible] rubentes non [illegible] quorum
succo mulieres [illegible] purgant, et [illegible]
[illegible] cum succo et foliis [illegible] utiliter ap-
ponitur [illegible] et lumborum [illegible]
[illegible] [illegible] et quod [illegible] cu-
rant [illegible] plinius.

De vitulamine

Vitulamen dicitur de illa plantula ba-
starda siue spuria et infructuosa
que nascitur a radice vitis sive alias non pro-
[illegible] a [illegible] et tales plante [illegible]
sunt et [illegible], et non fructificant. Sed vitem
[illegible] et gravant, et fructum impediunt
ac retardant [illegible] humores attrahunt a
radice ad fructum [illegible] et augmentandum
et [illegible] [illegible]
[illegible] [illegible] fructum vitis, et [illegible]
tales adulterine plante dicuntur spuria vitulamina

resina sudans cuius alias consimiliter
Et eius resina dicitur terbentina et est ut-
tilis medicinalis. Nam siccat [illegible]. Eius fo-
lia [illegible] et fructus et semina scriptura
sunt et [illegible] diligentia colligantur [illegible]
[illegible] et sunt [illegible] morbis venenosis
Et eius resina est bona que est munda
et lipida, et aromatica in colore russa
et habet virtutem dissolvendi laxandi
et maturandi, et [illegible] prodest contra apostemata
et alias collectiones tam in capite quam in
membris. ¶ De terebintho dicit plinius
libro 13 capitulo 7. Syria non terebinthum
habet, et est species eius duplex scilicet masculus et
illa est sine fructu et femina et est duplex
una habet fructum russum magnitudine
lenticule altera pallidum magnitudine
fabe et eius fructus odore iocundus est
et tactu pinguis et resinosus et est in
syria arbor magna et est eius materia lenta
ad modum et durea quod vetustate nigrescit
et splendescit. Eius folia sunt densa et
habet quosdam folliculos quedam [illegible] et
culices emittentes quod [illegible] terebintha et si
cortex perforato gutta resinosa affluunt
et emanat. Item plinius libro [illegible] capitulo [illegible].
terbentine radix et folia in vino decocta
stomachum confortat et contra capitis dolorem
[illegible], placet autem terbentina odoratissima
tam [illegible] quam [illegible] pura [illegible] et
subalbida cum aliquo rubore et illa que
est montana potius quam campestris [illegible]
sanat et purgat.

De ligno tigna

Tigna sunt ligna quedam [illegible]
ad modum [illegible] per quas [illegible]
gradus et [illegible] in domo domini [illegible]
dicit glosa quia [illegible] super illud [illegible]
ex [illegible]. Ligna tignea et ligna thima
sunt imputribilia et [illegible]

Albo specie rotunda et candida et habet fulgen-
tia et polita [illegible] sunt [illegible]
in eis resultant ymagines sicut in [illegible]
in igne non comburuntur nec in aqua [illegible]
sicut nec ligna [illegible] et [illegible]
[illegible] esse ligna.

De tirso

Tirsus est tam arbor quam olim [illegible]
[illegible] medius sic dictus quasi de terra
sursum est erectus ut dicit papias. [illegible]
[illegible] planti superior tenerior [illegible]
[illegible] et pulchrior [illegible]
[illegible] [illegible] ramu-
[illegible] plenum et est [illegible] in
medicina [illegible]
[illegible]

De tignis

Tigna sunt ligna que a parietibus vel
muris usque ad culmen [illegible] sub
erecta supportantia totum tectum in modum
[illegible] piramidis in summo [illegible] et
paulatim se inclinantia alterutrum in culmi-
ne [illegible] se contingunt et dicuntur tigna a te-
gendo vel a tegula quia tegulas ad susten-
tandum tecti supponuntur. Tegule autem dicuntur
ligna quedam longa [illegible] et [illegible]
lata plana et tenuia que ex transverso tignis
multis clavis affiguntur et in eis lateres
vel asseres suspenduntur. Sunt autem tigna
fortia dolata quadrata et complanata fortiora
et grossiora [illegible] domus et [illegible] et
minus fortia ut sub tectis [illegible] lateribus
et asseribus vel [illegible] ornatus [illegible]
[illegible] pulchritudinis laquearibus decorantur et dicuntur
laquearia asseres qui interius ad decorem
[illegible] tignis coniunguntur et a tignis dicuntur
tignarii qui tectoria tignis induunt ut
dicit papias.

De tritico

Triticum [illegible] est dictum ut [illegible]
[illegible] [illegible]
[illegible] [illegible] molatur vel [illegible] infra
molas ut [illegible] ut dicit ysydorus libro 17. Est
autem triticum duplex scilicet rubeum [illegible]

de tirso

de tignis

de tritico

de ligno tigna

p[er] utr[um]q[ue] [illegible] arido in latere fasciu[m]
tritic[um] albissimu[m] grave et ponderosu[m]
et illud gramis est optimu[m] ut d[icit] plini[us]
[illegible] colore rotu[n]du[m] [illegible]
[illegible] lucidu[m] et [illegible]
[illegible] ¶ De [illegible]
[illegible] farina d[e] frumento in [illegible]
[illegible] dicat ysa[ac] [illegible] tritici
[illegible] sole in quo [illegible]
[illegible] in terra [illegible] atq[ue] [illegible]
bilis [illegible] est et [illegible] atq[ue] pond[e]
rosius et [illegible] illud quod [illegible]
sit in [illegible] sive sicca [illegible] boni
tas tritici [illegible] ex bonitate soli et
[illegible] tritici etiam ex varietate [illegible]
variat[ur] / Nam quod nascit[ur] t[em]p[o]r[e] mod
rato in qualitate et q[ua]ntitate [illegible]
ac [illegible] multe [illegible] valde plurim[um] et
optimu[m] nutrimentu[m] [illegible] non [illegible]
[illegible] est / Item differt s[ecundu]m vetustate[m]
et novitate[m] et mediocritate[m] / [illegible]
vetustu[m] longo t[em]p[o]r[e] [illegible]
[illegible] et duru[m] ad digerendu[m] et [illegible]
[illegible] / [illegible] humiditas [illegible]
[illegible] minuit et [illegible] No
[illegible] non [illegible] t[em]p[o]r[e] [illegible] humiditate
superflua et [illegible] humiditate [illegible]
[illegible] et ad digerendu[m] duru[m] et
inflativu[m] ventositat[is] / et [illegible]
[illegible] non [illegible] novu[m] et
vetustu[m] [illegible] multu[m] [illegible] et paucaru[m]
[illegible] et ideo magis laudabile est et
amplius nutrimentu[m] [illegible] humiditate
[illegible] in p[er] [illegible] aeris
[illegible] et ideo tale triticu[m] magis est lau
dabile / et melius nutrit et [illegible]
[illegible] ¶ [illegible]
tritici ut dicit [illegible] calidu[m] et hu
midu[m] [illegible] t[em]peratu[m] [illegible]
[illegible] calidior [illegible]
[illegible] ¶ Item [illegible]

h[abe]t tritici [illegible] / [illegible] est
[illegible] et hoc p[ro]p[ter] [illegible]
[illegible] ut [illegible] Item [illegible]
mondificativu[m] et [illegible] / Et ideo [illegible]
farina [illegible] est pectoris
[et] pulmonis. Item facit ptisanu[m] [illegible]
sicut [illegible] et mondificat et plus
[illegible] et tussi[m] et sang[uinis] fluxu[m]
/ Item triticu[m] [illegible] oleo positu[m] sup[er]
duru[m] [illegible] dissolvit illud / Item [illegible]
triticu[m] in ferro [illegible] dissolvit [illegible]
[illegible] si [illegible] limantur
Item [illegible] ferro [illegible] et positu[m]
sup[er] [illegible] prohibet humores [illegible] ne
[illegible] Item granu[m] masticatu[m] valet
contra morsu[m] canis rabidi / et trahit ad
se [illegible] tritico fit [illegible] / quod valet
ad multa / [illegible] contra [illegible]
[illegible] in panno aspo [illegible]
[illegible] quod fit ut [illegible] posset
[illegible] / Item [illegible] tritici
sive furfure h[abe]t [illegible] et mondi
ficativa[m] plus [illegible] farina [illegible] modicu[m] vel
nullu[m] exhibet nutrimentu[m] / Item ut dicit
[illegible] triticu[m] [illegible] et novu[m] paru[m] est
nutrimentu[m] / et [illegible] flatuo[sum]
est et inflativu[m] / et in lateribus dolore[m] [illegible]
movet et rugitu[m] / [illegible] etiam [illegible]
in [illegible] / et ideo [illegible] et alij [illegible]
[illegible] tali cibo [illegible] / [illegible]
[illegible] magis nutrit et [illegible] ventositate[m]
facit et multu[m] [illegible] et constringit [illegible]
aqua [illegible] est /

## De ptisana

Ptisana sicut dicit [illegible] sup[er] [illegible]
17o [illegible] ordeu[m] [illegible] pillo [illegible]
[illegible] / et fit [illegible] cibus aptus illis
qui [illegible] / [illegible] ptisanis et fit [illegible]
[illegible] paciuntur febres et alias calidas
passiones. [illegible] sup[er] [illegible] ordeo in [illegible]
Calore[m] mitigat et [illegible] sitim sedat
et [illegible] ptisana [illegible] ptisane
et [illegible] est [illegible] Alex[ander] [illegible]
[illegible] ptisana ordei [illegible] /

dicto mollificat in testa et cum ad modum pollenta fiat. Fex etiam uini contra morsum serpentis ... qui de [illegible] sicut contra morsum canis rabidi et [illegible] huc usque Plinius libro [illegible].

De vinatio siue vinario

Uinatium et uinarium dicitur postrema uini quod compressis uuis ultimo colliquatur et est quasi fex totius uini. Uinacia tamen dicuntur pellicule racemi que remanent expresso uino et post collectionem uini extra prohiciuntur. Unde dicitur in gecismo: Pelles uuarum uinacia dic fore tantum. Et dicitur acinum quod in uua ... uinacia non libenter [illegible] modum aut nullum eis [illegible] plus nocent quam nutriant.

De uinaria

Hec uinaria uinarie dicitur celarium uel locus ubi uinum [illegible] et reponitur. Unde quanto locus ille est frigidior et siccior tanto est aptior ad uina in doliis reposita seruanda. Et ideo eximant loca lapidosa et subterranea ut in eis uina melius custodiantur a corruptione calidi aeris ne acescant uel modo alio corrumpantur.

De uiola

Uiola per uiolentia odoris sic est uocata ut dicit ysidorus. Cuius tres sunt species purpurea, alba et mellina. Sed omnium folia nata sunt frigida et aquosa et est solutiua unde uiole cum melle et aqua decocte soluunt uentrem sicut si cum zuccharo [illegible] in [illegible] folia exponantur aluum lauant inflationes mitigant calorem febrilem alterant sitim sedant [illegible] mulierum ... et excludit [illegible] dit calefactioni reparat [illegible] herba quidem modica est uiola in [illegible] que [illegible] melior est quam antiqua. Eius flos maximi est odoris unde odor eius cerebri calorem mitigat et spiritus animales recreat et confortat. Sompnum prouocat ... cerebri

...usfugerat tempatur et humectat ... flos eius est uirtuosior tanto plus ... depriuit et inclinat ... flores ... et ... magnitudo odoris ... nobilis ... ut dicit ...

De ulmo

Ulmus nomen accepit ... quod ... ... et ... Nam in montanis ... est ut dicit ysidorus libro ... profunde ... et ... ulmus et ... montibus ... frondibus ... ramos multos et nodosos ... et foliorum ... sitiuit umbra ... arbor ... et plurimos ... flores ... et odoriferos admodum ... est grana et rubea ... flores ... dulcedine colligentes ... fit ... utilis est ... fructus et palmites ... et ... durum et rugosum ... lignum ... et ad sustinendum ... ut dicit ysidorus.

De urtica

Urtica ... est uocata quod tactus eius corpus adurat ... ut dicit ... urtica ... modo ... dicitur esse ... uero ... urtica ... digitos ... urtica autem est duplex ... et mortua ... asperam habet folia acuta et ... angulosa et ... odorem et ... alia est urtica que dicitur urtica mortua ... folia albiora molliora et magis rotunda et tangentem non ... florem habet nunc rubeum nunc album

Et est valde [illegible] odoris [illegible] et [illegible]
[illegible] natura est medicinalis. Nam sucus
[illegible] cum vino bibitus valet contra [illegible]
[illegible] passionem [illegible]
[illegible] pulmonis et contra [illegible]
[illegible] et tumorem [illegible]
[illegible] fetida [illegible] mundat [illegible]
[illegible] rabidi sanat [illegible]
[illegible] contra [illegible]
[illegible] contra tumorem [illegible]
[illegible] stomachi [illegible]
[illegible] cum vino bi-
bitus [illegible] menstrua [illegible] mo-
net [illegible] et provocat urinam. herba [illegible]
[illegible] oleum [illegible] mole-
st convertatur [illegible] plus [illegible]
[illegible] in [illegible] decoquitur per
modum olei et [illegible] valet contra
multas [illegible] passiones. utilior tamen
est in [illegible] in isto.

d. zinzania

## De zinzania

Zinzania herba quedam est [illegible] dicit
ysydorus li. 17o. [illegible] fusilis
[illegible] dicitur [illegible] sit [illegible] et infra [illegible]
et est femininum generis in singulari et neu-
ter in plurali ut dicit [illegible]. Nascitur autem
[illegible] tantum [illegible] corruptis [illegible]
[illegible] est in herba [illegible] est triticum et ab
eo potest vix discerni [illegible]
[illegible] nisi ab eo [illegible]
[illegible] magna est zi-
zania [illegible] est adhuc [illegible]
ne [illegible] similitudinem [illegible] cum tritico
vel zizania [illegible] vel triticum sub zi-
zania [illegible] igitur est
[illegible] ut [illegible] triticum a zizaniis non
discernit usque ad messem [illegible]
[illegible] et tunc zizanias per [illegible]
a tritico et [illegible] per fasciculos colligit
et triticum in [illegible] zizania per
fasciculos comburantur. Vis autem zizanie
[illegible] acuitatis et quodam modo [illegible]
[illegible] inflativa et ventosa [illegible]
[illegible] in caput [illegible]

[illegible] panis cui admiscetur et [illegible] in multa
quantitate [illegible] valde [illegible]
[illegible] et occidit [illegible] nociva
[illegible] in corpore ad [illegible] tamen
est [illegible] ad medicinam. Nam si cum farina
[illegible] et [illegible] misceatur
[illegible] in [illegible] atque [illegible]
apposita cum sulphure et aceto valet [illegible]
impetiginem et [illegible] apposita cum [illegible]
[illegible] dissolvit apposita [illegible]
[illegible] cum [illegible] cortex et radix
[illegible] sanat et mundificat putre-
factum valet etiam contra fistulam et contra
cancrum [illegible] menstrua et mon-
dificat matricem, et disponit [illegible]
ad conceptum ut dicit [illegible] et diascorides.

d. zinzibere

## De zinzibere

Zinzibere est radix [illegible] et est calida
et humida ut dicit in platearius et
est duplex s. aliud domesticum et aliud silve-
stre. Silvester acutior [illegible] sapore domes-
tico et est solidius colore non adeo albus
et facilius frangitur. valet contra frigidas
causas pectoris et pulmonis, stomachi dolorem
et intestinorum [illegible] ventositate [illegible]
mitigat et dissolvit. si [illegible]
[illegible] assumatur cum cinnamomo
confortat et digestionem procurat [illegible]
[illegible] in oculis [illegible]
[illegible] hoc melius facit do-
mesticum quam silvestre. quanto albius est et [illegible]
tanto melius est et acutius [illegible]
duos vel tres annos servatur in bona effi-
cacia [illegible] post [illegible]
[illegible] suam putredinem [illegible] appa-
ratum ut dicit ysac. [illegible] qui vult illud
[illegible] servare [illegible] ponatur [illegible]
[illegible] zinzibere [illegible]
ut dicit [illegible].

d. zedoaria

## De zedoaria

Zedoaria est calida et sicca et est do-
[illegible] magis [illegible] et aliud
quod est magis [illegible]

fidei [illegible] et non habet nisi [illegible]
[illegible] lignum [illegible] rabanus et [illegible] quorum
est [illegible] Augustinus in libro de doctrina christiana
dicit quod nullus dicere adulterine pla
tationes quod [illegible] est ad
simplicem [illegible] [illegible] est [illegible]
bona quo ad intelligentiam [illegible] spiritualia
vitulamina

### De vinea

Vinea ut dicit papias est locus ubi
plantantur vites [illegible] et vinea non
tantum locus ubi consita est vitium multitudo
Vinea diligentius excolitur et ab omnibus
superfluis expurgatur, a vicinis spinis
distat, ne ledatur a bestiis maceriis
et sepibus circumdatur. Et ut deprehendantur furta
eius custodes in ea super speculum ordinantur
In hyeme sine custodia relinquitur
sed in autumpno a multis frequentatur.
In hyeme valde pallet, in vere et in estate
valde viret floret ac redolet sed in autumno
fructu gaudet, odore florum vinee
fugatur omni venenoso. Et ideo ipsa florente
fugiunt colubri et buffones sustinere eius
fragrantiam non valentes. Virore et a
menitate delectat visum fragrantia et
aromaticitate afficit olfactum, saporis sua
vitate reficit gustum, foliorum lenitate de
mulcet tactum, aerem diligit purum
serenum ut dicit plinius, et minus diligit
tempus nebulosum, terram diligit calidam
et siccam mediocriter pinguem atque dulcem.
Nam quando terra est nimis pinguis vel ni
mis humida luxuriat in ramos et in
folia et paucos habet fructus quando non est terra
arenosa et nimis macra deficit et ar
escit eo quod ibi non inveniat sufficiens nu
trimentum, et similiter si fuerit in terra ama
ra vel salsuginosa concipit radix
ex malicioso humore [illegible] [illegible]
et ideo diligit terram [illegible] et [illegible]
qualitatis [illegible] et in montibus
altis et soli expositis fiunt optima
vina ad [illegible] quod in [illegible] est [illegible]
et calor fortis et [illegible] vinea soli est [illegible]
exposita tanto fructus sunt [illegible]
[illegible] fructus est viridis [illegible]
[illegible] et acriores [illegible]
[illegible] dulces [illegible]
[illegible] folia [illegible] latitat [illegible]
[illegible] vinee [illegible] [illegible]
[illegible] et [illegible]
[illegible] non [illegible]
[illegible] et [illegible]
[illegible] a [illegible]
[illegible] sue [illegible]. Nam [illegible]
et destruunt [illegible] vinee [illegible]
paucos ramos [illegible] fructus [illegible]
[illegible] ut dicit [illegible]. Et ideo [illegible]
[illegible] sua [illegible]
submittunt [illegible] ramos [illegible]
[illegible] et [illegible]
[illegible] non potest [illegible] vinea
nisi per [illegible] manus [illegible]
potius ut dicit [illegible] et [illegible]
[illegible]

### De uva in generali

Uva [illegible] est [illegible]
que [illegible]
est [illegible] ut dicit [illegible]
[illegible] uva [illegible]
[illegible] dicitur uvarum
[illegible]. Et est
[illegible]
[illegible]
que sunt in racemo. Et ideo dicitur alio
nomine acinus ab [illegible]
[illegible] in [illegible]
[illegible] dicit [illegible]
[illegible] acinos [illegible] atque
[illegible] dicitur [illegible] Uva [illegible]
est [illegible] ad [illegible] ad [illegible]
[illegible] uva [illegible] est multorum [illegible]

conditanto [illegible] Racemi aut de his uvis [illegible] ligatis sunt [illegible] vel [illegible] que [illegible] messium [illegible] aut papia [illegible] et ipsi [illegible] est botronis [illegible] [illegible] uvis dulcis [illegible] de [illegible] [illegible] [illegible] sub [illegible] eo quod [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] sunt [illegible] sicut [illegible] et [illegible] [illegible] [illegible] matu[illegible] et [illegible] [illegible] calor [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] maturitate sicut [illegible] [illegible] [illegible] a colore [illegible] [illegible] vocate. [illegible] sunt [illegible] sic dicte a magnitudine sicut dactili a longitudine [illegible] [illegible] a rotunditate [illegible]. [illegible] sunt [illegible] sic dicte eo quod [illegible] sicut [illegible] et [illegible] [illegible] [illegible] [illegible] non [illegible]. [illegible] sunt [illegible] [illegible] quas nisi cito colligas [illegible] et [illegible] et [illegible] ab arboribus [illegible] [illegible] quasi [illegible] sunt vocate. [illegible] sunt et [illegible] [illegible] [illegible] sunt fortis [illegible] [illegible] pluvias [illegible] [illegible] [illegible]. [illegible] [illegible] non [illegible] [illegible] [illegible] dicte [illegible] [illegible] [illegible] [illegible] nisi [illegible] [illegible] colligas aut [illegible] [illegible] aut [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sunt [illegible] [illegible] [illegible] colore sic dicte [illegible] [illegible] inter album et nigrum est medium. ¶ Sunt autem multi alii [illegible] [illegible] [illegible] differunt ab invicem in sapore, in colore et magnitudine et [illegible]. [illegible] sunt medie [illegible] [illegible] dicit [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] dictis [illegible] [illegible] quadrupliciter variat.

[illegible] [illegible] uve albe [illegible] [illegible] et [illegible] modicum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Sunt etiam uve [illegible] [illegible] grossi racemis et [illegible] [illegible] habentes [illegible] [illegible] majores. Sunt et [illegible] [illegible] magis participant [illegible] albedine quam [illegible] [illegible]. Sunt [illegible] [illegible] [illegible] magis [illegible] ad nigredinem quam ad albedinem. [illegible] sunt [illegible] et facilius digeruntur urinas provocant et [illegible] [illegible] [illegible]. [illegible] sunt [illegible] [illegible] stomachum plus confortant, et etiam plus [illegible] et facilius digeruntur. [illegible] [illegible] et [illegible] sunt medie in potestate. Et [illegible] [illegible] dicit quanto uve sunt maturiores tanto sunt laudabiliores, et ad [illegible] [illegible] ac generandum bonum sanguinem meliores. Et uve quae minus habent racemis quam habentes laudabiliores [illegible] [illegible] [illegible] [illegible] sunt tantum [illegible].

De uva immatura

Uva immatura est frigida et sicca et multum [illegible] [illegible] [illegible] [illegible] sua frigiditate [illegible] et [illegible] in tantum quod obstupescunt dentes quodam modo [illegible]. [illegible] habet constringendi et [illegible] [illegible] [illegible] et calorem [illegible] [illegible] [illegible], sitim [illegible] et [illegible] [illegible] mitigat, [illegible] [illegible] in [illegible] et in palpebris desiccat, [illegible] [illegible] et asperitatem abstergit ut dicit ysaac.

De uva passa

Uva passa multis modis fit, alii enim [illegible] illud quod uva dependeat [illegible] ita quod non possit [illegible] [illegible] ad [illegible] [illegible] et sic [illegible] a sole per dies aliquot desiccari et hec dicitur uva passa per calorem solis [illegible] [illegible] et hec est optima ad comedendum. [illegible] [illegible] racemum involuunt in pannis [illegible] et [illegible] folia foliis ne racemi [illegible] [illegible] et postea pannis est [illegible] [illegible] [illegible] [illegible] calor est [illegible] [illegible] [illegible] [illegible] racemi [illegible] et [illegible] [illegible] similiter modo dicimus de uve passe quando [illegible]

violentiam a calore extraneo patiuntur sicut dicit [illegible] in fumario fit [illegible] passe ut dicit [illegible]. Unde uvas passas clibanus fumaria [illegible]. ¶ Uva passa dicitur ut dicit ysidorus. Uva passa confecta in dulcedine est calidior magis sicut [illegible] nec est minus mollificativa ventris et minus constipativa, sed contra malos humores temperat mitigat et morsionem magis quia pinguis est et [illegible] et [illegible] tenuis, et eius acina [illegible] sunt [illegible] atque pauca. Unde uva passa contra dolorem pectoris adiuvat pulmonem [illegible] desiccat, tussim sedat [illegible] et [illegible] purgat. Epatem [illegible] et [illegible] non [illegible] si [illegible] duritie et grossitie. Uva de passa [illegible] acerbitatem [illegible] quandam ponticitatem minus est calida [illegible] sit dulcis [illegible] quidam maxime si sit alba [illegible] parum nutrit calorem extinguit ventrem constipat et constringit.

De vino

Vinum dicitur quasi vitis vena [illegible] vel a venia, eo quod potus eius venas sanguine cito repleat ut dicit ysidorus libro 20. [illegible] potus tenuitas [illegible] vinum eo quod teneat meritum, et temeraria [illegible] super facit, dicitur et merum quod est purum et aque non admixtum, dicitur et bachus a libero patre qui vocabatur bachus, qui dicitur fuisse primus repertor vitis, vel bachus dicitur ab effectu, quia fortitudine sua facit bibentes furere et in alios debacchari. [illegible] etiam vini in possunt ad plenum describi etiam si vivat bachus iterum. Inter omnes enim liquores et succos arborum vinum obtinet principatum. Nam pomorum liquoribus vinum moderate assumptum corpora [illegible] confortat [illegible] morbos et [illegible] [illegible] [illegible] in libro [illegible] vinum dat optimum nutrimentum corporis sanitatem [illegible]

[illegible] sit [illegible] et [illegible] [illegible] sanguinem [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] totius [illegible] membra [illegible] et [illegible] [illegible] vini etiam bonitatem [illegible] manifestat [illegible] [illegible] vel [illegible] ad [illegible] [illegible] et [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] temporibus et regionibus [illegible] [illegible] [illegible] et singulis assumat.

¶ [illegible] etiam [illegible] quod calor vini [illegible] [illegible] [illegible] [illegible] quod vinum [illegible] est [illegible] et etati [illegible] et adolescentibus [illegible] etiam est cibus [illegible] quod corporis calorem [illegible] nutrimentum exhibet et augmentum, et [illegible] superfluas [illegible] consumit et desiccat [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] non et calida [illegible] vinum [illegible] [illegible] [illegible] [illegible] humiditat et refrigerat [illegible] mixtura aque que subtilitas vini ad remotiora membra deducitur [illegible] [illegible] [illegible] [illegible] magna que [illegible] [illegible] [illegible] [illegible] et desiccat corpora frigida et infrigidat calida humiditat [illegible] [illegible] et desiccat [illegible] [illegible] et [illegible] est [illegible] [illegible] et [illegible] [illegible] quia subtilitate sua penetrat aquam ad membra que

[illegible] infrigidari et humectari est
[illegible] in vino duo considerantur ista sub-
s(cilicet) de liquore color sapor virtus odor. De
[illegible] vini attenditur subtilitas vero
[illegible] sive grossities atque mediocritas
vin[illegible] tenue et subtile album [illegible]
[illegible] cito digeritur [illegible]
[illegible] non sentitur [illegible]
[illegible] aliquid infert nocumentum
vin[illegible] terrestre atque grossum subtili-
[illegible] gravatur et difficile
[illegible]

de colore vini

### De colore vini

A[illegible] est quadruplex albus
[illegible] et roseus sive ruffus
[illegible] est vinum calidum et
[illegible] nigrum propter sub-
tilitatem et aquositatem sibi dominantem
[illegible] magis siccum est propter grossitiem
terrestreitatis in maxima siccitate dominantem. Vina
[illegible] mediocris coloris, huiusmodi sunt alia sub-
[illegible] vinum citrinum sive aureum et vinum
ruffum et hoc [illegible] magis [illegible] potentiis
[illegible] sunt [illegible] et [illegible] sunt [illegible]
[illegible] calida.

de vino rubeo

### De vino rubeo

Vinum rubeum valet intensum in colore
[illegible] sanguinis fortissimum est et [illegible]
ledit caput et perimit [illegible] et fortem
facit ebrietatem et [illegible] optime [illegible]
[illegible] si [illegible] oportet
ut bibatur prout status et temporibus et regio-
nibus atque consuetudinem conveniunt atque con-
venienter est laudabile quia grossos dissolvit
humores [illegible] putredinem [illegible]
[illegible] et sanguinem purificat maxime subti-
[illegible] puritatem et [illegible]
quia corporis calorem confortat et [illegible] humores
dissolvit habundantia in [illegible]
collectos. Vinum rubeum [illegible] est [illegible] sapo-
rem ponticum [illegible] dulcorem et liquorem
grossum subtilem mediocrem et odorem [illegible]
[illegible] aromaticum et [illegible] et tale vinum
est [illegible] temperatum ad nutriendum et [illegible]

tatem [illegible] in sanguinem propter similitudinem quam
habet cum eo in liquore in sapore et colore
vinum dulce et minime rubeum [illegible] ad mo-
[illegible] vitia pectoris et pulmonis
valet [illegible] est solutivum [illegible] humores
[illegible] et [illegible] abstersivum. Vini [illegible]
[illegible] odor nam vinum aromaticum sig-
nificat [illegible] liquorem subtilem esse et tem-
peratum, omnesque [illegible] et optime
digestum et [illegible] generat sanguinem atque
mundum et est [illegible] confortativum letifica-
tivum, et fumi grossi et obscuri et turbidi
repulsivum. [illegible] vini itaque odo-
[illegible] subtilem [illegible] est et [illegible]
[illegible] quia non in eo [illegible]
[illegible] actione, vinum non quod
nullius est odoris sive [illegible] grossi-
tiem insinuat et ideo illaudabile est [illegible]
[illegible] clarificat sanguinem [illegible]
[illegible] generat humores grossos et
fumum turbidum et obscurum, vinum [illegible]
[illegible] odore et sapore ponticum pos-
sibile est quia [illegible] corpori maxime nocumen-
tum [illegible] generat sanguinem et [illegible]
[illegible] et maxime si fuerit vinum
valde nigrum, ad quod pertinet grossities et
gravitas odoris et ponticitas saporis. Vinum
itaque in predictis qualitatibus temperatum
si tempore et modo debito bibatur nam
adiuvat laudabilem sanguinem generat sapo-
rem [illegible] et potibus administrat [illegible]
et appetitum generat excitat [illegible]
et [illegible] confortat stomachum ad cibum ap-
petendum et retinendum ac digerendum
iuvat [illegible] repulsiva ad expellendas
[illegible] excitat sitim sedat, passiones [illegible]
de malo in bonum alterat et commutat na-
turam vertit ab [illegible] ad [illegible]
ab avaritia ad largitatem, a superbia in
humilitatem, a timore in animositatem.
Et est breviter dicendum vini moderata po-
tatio corporis et anime sanitas est [illegible]
[illegible] in [illegible] libro 11o ca. 13o [illegible]
[illegible] vinum [illegible] est [illegible] haustu ac
[illegible] interius [illegible]

Infrigidant membra que ab ipso perfunduntur
vehibus dictis corporis nihil utilius vino
est si adsit modus nihilque periculosius
si modus in sumendo non tenetur. Unde
Andronicus peritia clarus scripsit ad Ale-
xandrum magnum prohibens intemperantiam
vini in bibendo. Rex inquit memento
bibere sanguinem terre. Nam bibitum intemperate
vinum venena est homini sicut in [illegible] qui-
busdam preceptis si ille obtemperasset pro-
fecto amicos in temulentia non interfecis-
set. Dicit plinius ebrietas mala est que
facit immoderata sumptio. tangit ebrietatem
in vocem h[illegible] ultio. Cum vertit inquit mentes
in furorem, in mali [illegible] et boni obli-
vionem. ebriosis si quidem mixtus palor in facie
et genis pendule [illegible] adsunt ulcera
et turpitudo manus tremula lingua
ligata. postera die exalat anhelitus fedus
velud de sepulchro. Et gravissime
sentiunt in capite ponderosus amaritudinem
[illegible] palati humiditatem amarabilem
colera que fervendi ex calido fumo vini
et exurens sitis torquet guttur. Nam
hec necessitas vinum sequitur in bibendo ne
similitudo aviditatem pariat et bibendo sic
more sanguisuge [illegible] quanto plus bi-
bunt tanto magis sitiunt. Ad hec verba
plinii addit ysaac dicens sic si vinum usque
ad ebrietatem superassumptum fuerit calorem lumen
extinguit et vini bonitate confortat. Unde
[illegible] corpus vel navis in navi [illegible]
[illegible] gubernaculum aut rectore. Et sicut [illegible]
[illegible] [illegible] sive [illegible] propter quod
facit ebrius [illegible] non annuent et laudat
quod in se est illaudabile. Et sapientes
facit stultos. Et de benivolis [illegible]
efficit et malignos. Nam ebrietas est
omnium vitiorum fomes atque [illegible] perdunt
enim ebriosi in homicidia adulteria et
in furta. [illegible] volentes familiam honestam
custodire, caput [illegible] a vino custodire
ne vinum plus bibant quam [illegible] virtus capiat
et natura.

## De vino novo

Vinum novum [illegible] et [illegible]
[illegible] subtiliari non [illegible] mustum
[illegible] tardius propter [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] vinum [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] musto
autem plus [illegible] [illegible]
aqueis et aereis [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]. Nam partes [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
fit [illegible] donec vini [illegible] calore [illegible]
ab [illegible] fiat separatio et [illegible]
[illegible] autem musto tanta vis fervoris [illegible]
[illegible] [illegible] ex eo plena [illegible] [illegible]
more [illegible] ut dicit [illegible] et [illegible]
super Job. [illegible] [illegible] [illegible] spumo
[illegible] vini [illegible] ad [illegible] [illegible]
ne [illegible] [illegible] [illegible] [illegible]
[illegible] fit [illegible]. [illegible] [illegible]
musti [illegible] [illegible] est turbidum
atque spissum. [illegible] [illegible] [illegible] [illegible]
grossum generat humores [illegible] [illegible]
[illegible] post [illegible] [illegible] generat hu-
mores [illegible] et inflationem facit in
intestinis [illegible] novum [illegible] ventosum
sum et sompnosum [illegible] repletionem
[illegible] [illegible] [illegible]. [illegible] [illegible] vini
quod quamdiu est [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
tem et inflationem generat et fastidium.
Quanto autem plus durat post expressio-
nem a torculari tanto plus clarificatur
et depuratur et amplius [illegible]
virtus [illegible]. Adhuc mustum est ab
ebullitione non quiescat [illegible]
ad suum locum descendunt et aerea et
ignea suum locum sursum petunt et

[illegible] melius [illegible] et ad [illegible]
[illegible] et [illegible] clarum [illegible]
[illegible] est et [illegible]
[illegible] confortatur calor [illegible] et etiam [illegible]
et [illegible] quod etiam [illegible]
[illegible] a corruptione [illegible]
[illegible] aliquo corrumpitur [illegible]
[illegible] continuo corrupta [illegible]
[illegible] corrumpitur [illegible]
[illegible] calor [illegible]
[illegible] corrumpitur et [illegible]
[illegible] vel totaliter corrumpitur
et [illegible] est pessimum et [illegible]
[illegible] et [illegible] semper ut [illegible]
[illegible] vetustissimum in calore
[illegible] et [illegible] sapore mutat
et colorem [illegible] vini suo acumine
[illegible] et [illegible] et [illegible]
[illegible] calor [illegible] calorem [illegible]
[illegible] calorem naturalem et [illegible]
[illegible] antiquum est laudabile sed potius
[illegible] quod est mediocre scilicet ab
[illegible] novi et veteris [illegible] est re
motum quia illud est magis temperatum [illegible]
usque plenius et ysac in dietis.

## De vino condito

Vinum conditum fit artificialiter ex admixtione aromaticarum specierum quibus herbarum
et [illegible] in vino salviato in vino rosato
et gariofilato. Et est illud vinum conveniens
tam in potu quam in medicina. [illegible] ex speciebus
herbarum [illegible] vinum [illegible] facile corrumpitur
[illegible] talia suo sapore delectat gustum
[illegible] appetitum et sua aromaticitate con
fortat [illegible] cerebrum [illegible] modificat [illegible]
[illegible] et penetrat ad interiora [illegible]
[illegible] ut dicit ysac.

## De vino dulci

Vinum [illegible] dulce et [illegible] in sapore
per solis vel aeris decoctionem et [illegible]
[illegible] ebullitione corrumpitur et in aceto [illegible]
[illegible] non [illegible] quam custodiatur
ut dicit ysac in dietis [illegible] a [illegible]
per accidentale calore [illegible] calorem naturalis

[illegible] et [illegible] subtiliat [illegible] liquores
per caloris accidentalis ebullitionem et extinguit
calorem naturalem. Vinum quod [illegible] stabile
vel naturale calidum per corruptionem calorum
essentiale [illegible] et sic convertitur in acetum
magis autem [illegible] quod sit [illegible] moderate
[illegible] infrigidat [illegible] in primo gradu [illegible]
[illegible] quia in 3o gradu ut dicitur [illegible]
[illegible] subtilitate sua [illegible] et [illegible] debilitate
[illegible] et facile [illegible] et penetrat ad loca
que valde sunt remota. [illegible] nullius alius
liquor in locis [illegible] operatur efficacius
quam in remotis. [illegible] qui vult infrigidare
calorem [illegible] aut alia sibi vicina loca utilius
utitur [illegible] succo [illegible]. Sed ad loca
remota infrigidanda utilius est acetum
[illegible] vel agresta [illegible] cum
[illegible] ad longinqua
[illegible] est dissolutivum attenuativum et [illegible]
[illegible] et [illegible] et [illegible]
[illegible] dissolvit si bibatur. Etiam
acetum ut dicit [illegible] est [illegible] confortativum
appetitus excitativum et augmentativum
et [illegible] ad stomachum descendentium
[illegible] et [illegible]. Et etiam contra [illegible]
et [illegible] [illegible], ut est opium
[illegible] et euforbium [illegible].
[illegible] plenius et ysac acetum [illegible]
[illegible] super [illegible] vel [illegible] mox
[illegible] fluxum ventris et sanguinis sistit
[illegible] ventris [illegible] si [illegible]
[illegible] litargiris et [illegible] sub
[illegible] mundificat et
abluit, et [illegible] non permittit fetorem
oris et gingivas abluit et [illegible]
[illegible] et [illegible] et
[illegible] vomitum et nauseam
[illegible] et [illegible] auribus
[illegible] et [illegible] apud [illegible]
[illegible] metalla et [illegible]
[illegible] et [illegible]
ex plumbo [illegible] et cupro lazurium.
[illegible] in aceto [illegible]

In [illegible] non [illegible] est [illegible] modico [illegible] sto. et [illegible] in platano

De zuchara

Zuchara uel zuchera est [illegible] ranis et [illegible] in stagnis iux [illegible] Burnis de cana [illegible] fit zuc p decotione sicut [illegible] Canne ille pistan[tur] [illegible] coquant ad lentum [illegible] tudinem. Et p° [illegible] ex toto [illegible] manis post facta [illegible] z melius [illegible] not quod est clarum et [illegible] minus dulce et foraminosum et [illegible] durus non recipiat qui masticat [illegible] sit subito et liquescit, bonum [illegible]

¶ Bonum autem positum in bassis [illegible] ad solem dictum [illegible] atque [illegible] aut est [illegible] et est [illegible] non debet in acutis febribus exhiberi Zucara dicitur est bona temperata in qualitatibus suis. Et ideo ut dicit ysaac [illegible] est [illegible] collatiua, dissolutiua [illegible] atiua et sto. mundificatiua, asperitatis [illegible] vocis et pulmonis lenificatiua, [illegible] rificatiua, tussis et raucedinis ablatiua [illegible] consumpti in ptisicis restauratiua [illegible] ponticitatis et amaritudinis [illegible] temperatiua, et ideo summe utilis est in [illegible] in electuariis, pulueribus et sirupis [illegible] ut dicit ysaac [illegible] inflat [illegible] post [illegible] qz [illegible] dulce est [illegible] et natura [illegible] facili [illegible] in rubram [illegible] mutatur [illegible] [illegible] acetositas [illegible] et extinguitur [illegible] [illegible] ysaac [illegible]

Incipit liber de simplicibus [illegible] praenotatur de qualitatibus in generali et postea dicetur in particulari

O[illegible]

[illegible]

[illegible] quedam sunt fortis appetitus [illegible]
[illegible] et quedam debilis ut elephans
[illegible] Et quedam appetitus sunt [illegible]
[illegible] sua. Et quedam sunt
[illegible]
[illegible]
[illegible]
[illegible] et quedam [illegible]
[illegible] et aquila [illegible]
[illegible]
[illegible] oculos [illegible] talpi
[illegible] tella et [illegible]
[illegible] Et omne
animal [illegible] ut homo
[illegible] quedam [illegible]
[illegible] nares. Et quedam
[illegible] ut [illegible]
[illegible] ¶ Et omne
animal [illegible]
et maxime homo multum [illegible]
[illegible] fuit [illegible] multiplicis
eius operationis. ¶ Et omne animal habens cornua habet
solidas pedes, excepto animali [illegible]
quod unum cornu habet in fronte, et unam
soleam in pede sicut equus. Et omne
animal habet cornu [illegible] et [illegible]
[illegible] habet cornua et omne cornutum animal est [illegible]
[illegible]
quodam in [illegible] qui cornua [illegible]
qui [illegible]. Et dico
de animalibus cornua habentibus quia est de natura
ossis. [illegible] habet cornua mo-
lia et [illegible] quia tamen cornua non sunt
sed potius quedam [illegible]
[illegible] sunt [illegible]
queritur et si quid occurrerint eis dura sta-
tim cornua [illegible] et intra suas [illegible]
[illegible]
pro suis [illegible] et [illegible]. Et quedam
animalia habent dentes in utraque mandibula
et quedam inferius tantum. Quedam vero ha-
bent dentes in superiori mandibula sunt quoniam
materia illa transit in cornua nullum animal

habens dentes [illegible] sunt [illegible] cor-
habet cornua, quoniam materia illa transit in [illegible]
[illegible] et cornua simul non [illegible]
[illegible] et animalia [illegible] dentes [illegible]
[illegible] dilla-
[illegible] ut lupi
et leones [illegible] ut [illegible]
et [illegible] et camelus
dentes habent equales et continuos quasi
sunt [illegible] herbam
[illegible]
[illegible] animal plures ordines den-
tium [illegible] duos exceptis piscibus qui
[illegible] quos serratos et di-
[illegible] in mandibulis habent [illegible]
[illegible] quibus ut dicit [illegible]
[illegible] cibos ne aqua [illegible]
[illegible] ut patet in lupis aquaticis [illegible]
[illegible] sunt [illegible]. Et ideo est [illegible]
quod omnia animalia volatilia et gressibilia
[illegible] que sunt quo ad nutrimentum
laudabiliora quam que post [illegible] ad
[illegible] magis sunt [illegible] ut dicit [illegible]
[illegible] est diversitas propter nutrimenti na-
[illegible] pascuntur in montibus sunt meliores
sanguinis et subtiliores et acutioris propter paucitatem
cibi. [illegible] vero nutriuntur in paludibus
sunt sanguinis grossioris et maioris pingue-
dinis et minoris caloris et amplioris op-
pilationis. Animalia autem pascentia maiores
herbas ut boves [illegible] sunt in
vere quam in [illegible] vel estate quam in hyeme
[illegible] nutrimenta. Et ideo post [illegible]
[illegible] vel autumpna ingrassantur et au-
gmentantur et [illegible] saporosiores
et laudabiliores efficiuntur propter habundantiam
[illegible]. Animalia vero minutas her-
bas pascentia ab initio veris usque ad
[illegible] sunt grassiora [illegible]
[illegible] laudabiliora quam tunc
[illegible] nutrimenta. [illegible]
et alia animalia pascentia [illegible]
[illegible]. Et illa sunt bona
ab [illegible] usque ad [illegible] quia

vacat [illegible] volup[illegible] in tali[illegible]

[illegible]

Tunc sunt rami et iuxta et multas aliis sy
pedis [illegible] dicit esse aial monstruosum silvis
nec [illegible] in tunc bonum et in facie et
ht caput rubeum et magnos maxime
et horrendum et in utraque mandibula
tres ordines dentium pariter distinctos [illegible]
[illegible] sunt ut [illegible] et cauda eius
est similis caude scorpionis aculeis suis [illegible]
Et ht vocem horribilem sicut vox tube
et est velox cursu et comedit homines et
inter omnes bestias terre nulla crudelior
nulla monstruosior invenitur ut dicit
Auctor et hec bestia dicitur [illegible]
Ut idem dicit. plinius autem li° xviij° ca°
.22°. Apud Indos inquit ut scribit [illegible]
est et bestia pernitiosissima que [illegible]
vocatur huius triplicem dentium ordinem pecti
natim sibi alternatim occurrentem [illegible]
et faciem hominis similis est oculos [illegible] ht
et colorem sanguineum leonis similis [illegible] cauda
scorpionis modo spicula et [illegible] vo
cem ht similem hominis ut si misceatur vo
cibus fistule et tube [illegible]
[illegible]. Unde est idem aial de quo
loquitur Auctor et plinius ¶ Item omne
aial generans aial ht duos renes et
vesicam. sed aialia ovata non hnt vesicam
et renes [illegible]
transit in ungues et in plumas [illegible]
talibus transit in corticulas et in squamas
Et ideo non indigent [illegible] superfluitatis hu
midi receptivo ¶ Item omne aial hns
[illegible] et non hns dentes superius [illegible]
nat et ht plures [illegible] unum
valet magnum et aliud minorem unum
longum et aliud amplum. Et causa quare
hnt multos ventres est multiplex
digestio. quia cibus [illegible] et
non bene masticatur in ore [illegible]
[illegible] unde oportet iterum masti
cari [illegible]
tibus ad os ut iterum masticetur [illegible]

masticatus [illegible] ad [illegible]
[illegible] ut ibi digeratur [illegible]
[illegible] ut dicit Auctor ¶ [illegible]
[illegible] li° 2° ca° p° [illegible]
huius [illegible]
[illegible]
[illegible] ht pulmonem [illegible]
[illegible] pulmones [illegible] pisces [illegible]
[illegible] aqua cum [illegible]
[illegible] aial [illegible]
ht os et [illegible] ¶ [illegible]
[illegible]
[illegible] quod est [illegible]
[illegible]
[illegible]
solus delphinus [illegible]
Alia dicit ovata [illegible]
sicut pisces vel [illegible]
aial huius sanguis [illegible] aial san
guineum [illegible] Aliud ht [illegible]
[illegible] quorum oculi
sunt [illegible] ht pupilla sub [illegible]
[illegible] sunt occulte ut
aures et nares in piscibus qui audiunt
ut [illegible] fugiunt strepitum et olfaciunt
[illegible] ad [illegible]
[illegible] propter quas [illegible]
sportulas piscatorum. Et ideo dicit [illegible]
[illegible] aliud [illegible]
piscium ad [illegible] et aliud [illegible]
et sonitu [illegible] ad fundum
sicut [illegible]
[illegible] fugiunt [illegible]
ablutionis alterius piscis [illegible]
a sanguine alterius piscis fugiunt [illegible]
[illegible] et sportulas [illegible]
[illegible] Et aialia [illegible]
[illegible] sensus [illegible]
Ut apes et formice [illegible] audiunt [illegible]
motus et olfaciunt et in [illegible]
delectantur et in quibusdam [illegible]
[illegible] odore sulphureo et [illegible]

[illegible] ubi apes non veniunt in ore
[illegible] odoris sed fuerint in loco odorifero
[illegible] dulcedo ut dicit [illegible]
[illegible] sang[illegible] ambulat dulcedo
do[illegible] Et omne animal [illegible]
[illegible]
[illegible] tempora [illegible] ¶ [illegible] dicit
[illegible] animalia [illegible] magis [illegible]
[illegible] illa que sunt magni corporis
[illegible] gravioribus et fortes
que [illegible] sunt ita [illegible]
[illegible] non attingit. Cu
[illegible] in sensu [illegible]
[illegible] defert in [illegible]
[illegible] dicit [illegible] ¶ [illegible]
[illegible] et continue sunt
[illegible] illa que raro coeunt
et tempus [illegible] propter hoc enim dicitur
[illegible] quod nocumentum corporis [illegible] quique
[illegible] Unde dicit Galienus
[illegible] et huius rationem assi
gnat dicens in libro de animalibus. Unde dicit
[illegible] prima [illegible] de sanitate bono et [illegible]
digestio que iam est convertibilis in
membrorum nutrimentum. Et ideo quando
homo [illegible] humore seminali
[illegible] et debilitatur corpus
magis quam si quadragesies [illegible]
sanguinis quod sperma est [illegible]
[illegible] in membra. Et ideo quanto
[illegible] membrorum [illegible]
[illegible] et facit magis [illegible]
[illegible] in coitu animalis. Un
[illegible] et moderamen est causa
quare coitus dissolvit et sic vita [illegible]
[illegible] Et ideo elefans diutissime
vivit quia castitatem amat. Et [illegible]
raro [illegible] ut dicit [illegible]
[illegible] ¶ Ysaac autem
dicit quod animalia silvestria sunt salubriora
et firmiora [illegible] quam domestica
tum propter motus continuitatem et propter [illegible]

bitatis aeris [illegible] et propter [illegible]
sunt sicc[illegible] et ideo carnes sunt [illegible] et in
digestibiliores quam [illegible]
esse non ita cito putrescunt sicut domestica.
Unde omnia silvestria minus sunt sapida
et minus nutribilia quam domestica exceptis
carnibus silvaticorum quorum carnes saporosio
res sunt laudabiliores et nutribiliores
corpora enim eorum per motum rarificantur
et humores subtiliantur et pori aperiuntur
et humores qui sunt causa gravitatis
odoris dissolvuntur et sic saporosiores
ratione motus et laboris actualitatis effi
ciuntur. Nam per huius discursus tempora
corporis [illegible]do naturalis. Et ideo in animalibus
silvaticis magni spiritus et multi motus
gravitatis [illegible] et odoris amputantur
et [illegible] raro aperis poris et
dissolutis humoribus et corporis
[illegible] et citius digeruntur et membris in
corporantur ratione sue siccitatis naturalis [illegible]
[illegible] a membris dissolvuntur. ¶ Inter ista
autem animalia quedam nutriuntur in locis hu
midis et aquosis et eorum carnes sunt
multum nutritive et velocius digeruntur
et cito a membris dissolvuntur. Quedam vero
pascuntur in locis siccis et montuosis et ideo
eorum carnes sunt laudabiliores in custo
dienda et regenda sanitate convenientio
res et in confortatione et duratione in membris
perfectiores. ¶ Animalia autem que domesticantur
et pascuntur in domibus carnes sunt ductio
siores et grossiores propter multas commestiones
et [illegible] sunt corruptiones. Et ideo duriores
sunt nutrimenti et ad digerendum in stomacho
et hepate tardiores. Nam ut dicit ypocras
ad cognitionem bonitatis [illegible] animalium quo
ad corporis nutrimentum confert scire loca
et pascua ubi nutriuntur aerem humidum vel
siccum in quo commorantur et quantitatem mo
tuum qualis sit in [illegible] vel otio
naturale vel accidentale disponuntur. ¶ Animalia
autem que naturaliter sunt domestica minores

calidiores sunt et maiores [illegible] quam silvestres
Et [illegible] carnes sunt meliores et ad
digerendum faciliores. ¶ Commixta ex
quarte [illegible] et per [illegible]
caloris humores grossi dissolvuntur unde car
nes mollescunt et attenuantur. Et quando
minus comeduntur et bibuntur augmentantur
humorum superfluitates et putredines mul
tiplicantur. Et ideo talium animalium corpora
sunt multum nutritiva sapida et pre
cipue et urinas faciliter provocantia. Quando inve
terata vero despreciatur et humorum corruptionem
et putrefactionem sunt urina et humores
superfluitatem generativa. Et [illegible] inde [illegible]
nutriant [illegible] propter [illegible]
dissolvuntur. Et sic accidit [illegible]
nostra nutrimentum [illegible] quia
[illegible] et si pars nature [illegible]
quia dura sunt ad dissolvendum tarda in mem
bris quibus assilantur diutius [illegible] et ideo
accidit quod antiqua nutrimenta [illegible]
In omni vero genere animalium masculina
sunt calidiora femininis humidior. Et ideo sub
tiliores et laudabiliores nutrimento sunt
carnes masculorum quam feminarum [illegible]
[illegible] que in femina laudabilior est natura
quam in mare. Nam in femina [illegible]
temperata [illegible] complexionalium [illegible] ma
sculina caliditas [illegible] masculi
naturam. Et ideo [illegible] laudabilior femina
in hac specie quam masculina [illegible] quia
magis est temperata et [illegible]
elongata amplius. Et [illegible] sit [illegible]
[illegible] antiqua et maxime [illegible]
[illegible] est urina quia [illegible]
naturam temperat et [illegible]
[illegible]. Et animalia autem castrata inter
genera maris et femine sunt mediocria.
Nam carnes castratorum [illegible] calefaciunt
masculis plus femine [illegible] maribus
et citius [illegible] digeruntur. Et ideo [illegible]
[illegible] sunt [illegible] et [illegible] masculis

et maiores [illegible] bonitatis. Et
[illegible] animalia [illegible] meliora
masculina femina et meliora [illegible]
[illegible] quam imperfecta [illegible]
sunt meliora masculis et [illegible]
[illegible] et [illegible]
[illegible]
animalia [illegible] lacte urina [illegible]
humiditas et desiccatas [illegible]
ideo corpora [illegible] superfluitates [illegible]
[illegible]
[illegible]
etate sunt laudabiliores [illegible]
sunt bono lacte [illegible]
animalium a lacte [illegible] sunt
huius necessitas [illegible] in statu
et ideo [illegible]
[illegible]
[illegible] animalia [illegible] complexionis
ideo ad digerendum [illegible]
[illegible] membrorum in [illegible] sunt lauda
biles in duratione plurium in [illegible]
[illegible] in [illegible]
[illegible] plus sunt [illegible]
[illegible] urina sunt [illegible]
[illegible] et huius [illegible] complexionis
Et ideo [illegible] carnes sunt [illegible]
[illegible] et humidiores
[illegible] animalia que [illegible]
et meliora sunt quam illa que [illegible]
[illegible]. Et illa [illegible]
[illegible] meliora sunt quam illa
domestica [illegible]. Et que [illegible]
[illegible] et bibunt sunt [illegible]
et bibentibus meliora. Nam [illegible] montuosa
[illegible] campestria [illegible]
motus domestica sunt meliora [illegible]
[illegible] aer et [illegible]
[illegible] humorum
superfluitates et [illegible]
complexionis temperate. ¶ [illegible] animalia que
domestica [illegible]
[illegible] et [illegible] et per
[illegible] sua complexione [illegible] laudabilia
[illegible]. ¶ [illegible] animalia
[illegible] pinguedinem et [illegible] mediocritatis

[illegible] supra columpna
[illegible] in tali signo et in
[illegible] ad verbum maxime
usque in fine columpne quia [illegible]

[illegible] sunt gratissima sunt pessima
[illegible] esum [illegible]
[illegible] et abu(n)d(an)t [illegible]
[illegible] libertati et [illegible]
[illegible] sed et [illegible]
[illegible] dissolutus [illegible]
[illegible] et [illegible]
[illegible] sunt [illegible]
[illegible]

¶ [illegible] porcus [illegible]
[illegible] et [illegible]
[illegible]

¶ [illegible] et aqua [illegible]
[illegible]

¶ [illegible]

¶ [illegible] et [illegible] sunt [illegible]
[illegible] ad usus dei [illegible]

De scriptis aialium pprietatib(us) et naturis
in generali restat operante xpo ista
quorundam aialium et [illegible] pro-
prietates in singulis et hoc p(er) ordinem
alphabeti.

De Ariete

Aries est aial sive pecus lanigerum
adeo placidum vel aiale mansuetum
ut dicit ysid(orus) li(bro) xii° ca(pitulo) p(rimo). Est aut(em) dux
et princeps omnium. Et ideo dedit ei na(tur)a forti-
tudinem contra omnes [illegible]. Arie-
tum [illegible] aliarum ovium est
[illegible] et alias esse viribus fortiorem
Et ideo ut dicit ysi(dorus). Aries vervex a viribus
est dictus eo q(uod) sit tamq(uam) vir ovium. Cum
sit masculus ceteris viribus sit amplius
virtuosus. Vel ut dicit idem ysi(dorus). Vervex
a verme est dictus eo q(uod) vermem [illegible] in capite
Cui [illegible] caput fortissime
[illegible] et quicquid sibi obviat [illegible] fort(iter)
[illegible] ab are [illegible] q(uo)d dicitur [illegible]
latinis est vocatus q(uia) in gregibus masculi
[illegible] ad frangendas oves viriosi
sunt [illegible] fortes. Nam corporis magnitudine
et virium fortitudine et ad virtute omnes
alias oves precellit. Dicitur etiam aries ab
aris q(uia) ut dicit ysi(dorus) hoc pecus primum fuit
in aris a gentibus ymmolatum. Unde dicitur
illud aries mactatur ad aram. Unde s(ecundu)m leg(em)
mosaicam aries fuit aial potissime mo-
dum et ad sacrificium et ad esum. Nam
pro peccato populi offerebatur. Et quia
findebat ungulas [illegible] et ruminabat
[illegible] a populo comedebatur. Et ut dic(it)
ysidorus li(bro) xii°. Venatores quidam dicebant
eo q(uod) [illegible] dictus quos hic altares
et ideo eos gentiles mares in sacrificiis
offerebant ut dicit idem. ¶ De Ariete
aut(em) sing(ulariter) dicit plini(us) li(bro) 8° ca(pitulo) 47° dicit
q(uod) [illegible] est agnos fastidire
et oves [illegible] sibi obvias consectari
Nam et [illegible] est et utilior in
[illegible] omni [illegible] sit [illegible]
[illegible] exhibet [illegible] omne ovis ap

apud auriculam sed plures. Et tertio
teste [illegible] si venas sinistro . . . [illegible]
mares [illegible] et [illegible] et in [illegible]
[illegible] mares procreat in [illegible] austri
venas [illegible]. Et qualis [illegible]
sub lingua [illegible] color in [illegible]
vellere. [illegible] si nigre sunt [illegible] in
vellere nigri erit, et si albe albus et si [illegible]
[illegible] varius in vellere apparebit, [illegible]
dicit [illegible] et [illegible] dicit [illegible]
frontem [illegible] longissimi cornua du-
riter [illegible] [illegible] corpora [illegible]
[illegible] et quodam modo [illegible] Et in
ad minimum partis [illegible] dicit [illegible]
cornua magna [illegible]
[illegible] rotunda [illegible] que [illegible]
[illegible] aliquatulum sunt [illegible] et [illegible]
[illegible] duritie et fortitudinis [illegible]
[illegible] et [illegible] arietum [illegible]
impetat et impugnat ut dicit [illegible]
[illegible] armis defensionis non debet [illegible]
[illegible] relinquere defensorem [illegible]
dedit natura sibi cornua admodum [illegible]
[illegible] ut caput proprium [illegible]
infirmum protegeret et contra [illegible]
armis munitos se audacior [illegible] armo-
[illegible] exhiberet. Et [illegible]
[illegible] et [illegible] caput et [illegible]
[illegible] ungula [illegible] firmi [illegible]
[illegible] vellus [illegible] et in [illegible]
[illegible] pilos diffunditur [illegible]
[illegible] contra [illegible]
[illegible] se defendit. Et [illegible]
[illegible] sunt [illegible] fortitudo
[illegible] voluntas [illegible] omni
[illegible] et ad [illegible]
[illegible] ut dicit [illegible]

Et tempore amoris pugnat pro [illegible]
[illegible] adversarios [illegible] et et
[illegible] impingat et [illegible] contra [illegible]
[illegible] ut [illegible] impetu
[illegible] dicit [illegible]
[illegible] Arietes [illegible] et [illegible]

[illegible] et in verno [illegible] ab[illegible]
[illegible] Et alii [illegible]
[illegible] et [illegible]
[illegible] Et arietes [illegible]
[illegible] omnes [illegible]
[illegible] et [illegible]
[illegible]
[illegible] sunt et [illegible]
[illegible]. Et [illegible]
[illegible] simul [illegible] et [illegible]
et post [illegible] et in [illegible]
[illegible]. Et [illegible] ad [illegible]
[illegible] in [illegible]
[illegible] et [illegible]
capite [illegible]
et [illegible]
Et [illegible]
[illegible]
[illegible] iuventutem [illegible]
sunt [illegible] lactantes
Et hec [illegible] dicit [illegible]. Et
[illegible] sunt [illegible] et omni
[illegible] et [illegible]
[illegible] sunt castrati. Et [illegible]
[illegible] tempore est [illegible] sunt boni
[illegible] qui sunt [illegible]
[illegible] sunt castrati [illegible]
[illegible] sunt castrati [illegible] duplici ca-
[illegible] calore [illegible] et [illegible]. Et [illegible]
[illegible] corpora sunt [illegible] et [illegible]
et admodum [illegible] et [illegible]
[illegible]. Et [illegible] capras et bovinas
et [illegible] sunt [illegible]
tura pessima corpora arietum que [illegible]
[illegible] sunt et [illegible]
frigidis et [illegible] sunt [illegible]
[illegible]. Item dicit [illegible] et [illegible]
[illegible] arietes et [illegible] sunt [illegible]
[illegible] propter [illegible]
et [illegible]
Et potantes aquam [illegible]
et [illegible] ad [illegible]. Et [illegible]
[illegible] ad [illegible]
et [illegible] in tempore [illegible]
[illegible] est bonitas [illegible] anno [illegible]

Et [illegible] illo tempore existentes juvenes [illegible] amorem signum est postfuturi [illegible] in illo anno ut dicit Isid.

## De Agno

Agnus ut dicit ysi. a genere nominatur [illegible] q plus. Nam inter oia animalia [illegible] inveniuntur innocens et mansuetus. Nullam enim laedit dente vel cornu [illegible] et quicquid in eo reperitur totum [illegible] caro ad cibum pelles ad [illegible] vellus ad induviam, fimus ad [illegible] ungula et cornu ad [illegible] [illegible] ut dicit Isid. ysi. li. 12°. [illegible] ut [illegible] nocens [illegible] ut [illegible] recaurit statim balatu voce [illegible] parentes. Item autem ut et [illegible] Agni quidem nascuntur tempore vernali et quidam tempore autumpnali. Vernales autem sunt corpore maiores robustiores brevius et pinguiores quam sunt autumpnales vel yemales. In aliquibus tamen regionibus multi yberni [illegible] [illegible] et dicit [illegible] utile [illegible] nasci, ut dicit plin. li. 8° ca° 47° Et dicit ibidem q agni concepti flante vento aquilonari sunt meliores quam concepti flante vento australi. [illegible] matres [illegible] Colorem autem [illegible] agni in [illegible] seu vellere [illegible] parentes in [illegible]. Nam si [illegible] fuerint albi et agni erunt albi et si nigri nigri [illegible] [illegible] Et ut [illegible] [illegible] capite ubera matris [illegible] balatu querit [illegible] cauda blandiens [illegible] capite [illegible] [illegible] fugit [illegible] subtiliter ac [illegible] multiplicius in se [illegible] [illegible] agnus fugiens et [illegible] tempore [illegible] ¶ De sobrietate agnus gaudet

Cum autem solitarius est [illegible] atque timet [illegible] [illegible] ludit. ¶ Cum viderit lupum timet [illegible] et [illegible] fugam accipit, si post [illegible] timore stupidus gradum figit et fugere ultra non audet sibi [illegible] balatu, si post simpliciter [illegible] petit rapitur ab hoste [illegible] a carnifice [illegible] [illegible] [illegible] [illegible] vellus [illegible] sicut animal [illegible] [illegible] cum ducatur ad pastum [illegible] ad victimam non [illegible] [illegible] non [illegible] [illegible] ut dicit plin. Agnos dimittere solitarios periculum est, quia si superveniat [illegible] tonitruum de facili moriuntur. Nam agnus natalis debilis habet caput. Et ideo [illegible] est eos simul aggregare ut ex [illegible] mutuo animentur et plenius [illegible] confortentur.

## De Agno annicullo

Agnus anniculus etatis unius anni est completus, qui infra unius anni spatium tanto est melior quanto a lacte est remotior. Nam a lacte eius humiditas [illegible] augmentatur, sed per separationem a lacte [illegible] eius calor et superflua humiditas temperatur, maxime si mansit adhuc non castratus, ut dicit aptissime in dictis. Agnus autem anniculus corpore integer et [illegible] mondus aptus est ad sacrificium et ad esum, etiam si fuit vellere maculosus. Non enim reprobatur a sacrificio agnum maculatum in vellere nisi sit [illegible] [illegible] vel corrupto in cute, ut dicit [illegible] super [illegible] 12°. Et super [illegible] dicit [illegible] et super levitic. [illegible] non [illegible] sacrificium varietas maculosi velleris, si corpus fuit integrum, et non subfuit scabies in superficie ipsius cutis. Agnus igitur anniculus ut dicit plin. 8° ca° 29° [illegible] [illegible] sunt aptus et tam in usu vellez [illegible] in usu carnis [illegible] [illegible] est [illegible] et eo [illegible] [illegible] [illegible] [illegible]

Et custodiunt corpora bovum, et sic oportet ut habeat diligentiam circa custodiam ovium et agnorum. Dicit autem Dyascorides quod agnus fimum si incensum cum aceto dissolvatur et cataplasmetur, nigras maculas emundat et clavos corporis tollit, et cum parum cremat unctum cum cera et oleo combusturas sanat.

De agna

Agna — a. Agna est arietis filia, que minoris est corporis, pacientie et roboris quam sit agnus, et est minoris caloris et maioris humoris quam sit agnus, cum feminine complexionis, ut dicit Aristoteles. Caro eius est lactans [illegible] difficultat propter humoris superfluitatem, tamen ex etate et ex complexione [illegible]. Et quod est ex eius carne generatum flaccidum est et difficulter digeritur, et digestum a membris vix assimilatur, cum viscosi et glutinosi humores generantur, a stomacho in facile descendit, convertitur humoribus ut dicit Ysaac. Et eius carnes meliores sunt assate quam elixe, quia consumunt carnis superflua humiditas [illegible] caloris, agnorum autem simplicitatis et timiditatis est agna quam agnus, quia minus habet caloris naturalis [illegible] quam masculus, et ideo minus est animosa, propter quod etiam caret cornibus, quia cedit ei superflua [illegible] propter defectum caudatur eius nutriendi, ut dicit Aristoteles. Dicit etiam Aristoteles libro 3º: agnis accidit egritudo quando nimis impinguantur circa ventres, quia si appropiant sepo renibus moriuntur, ideo curatur a pastoribus ne nimis impinguantur. Quere infra de ove.

De apro silvestri

Aper silvestris — a. Aper est porcus silvestris et animal agreste quod ferocissimum est et immitissimum, ut dicit Ysidorus libro 12º capitulo primo. Et dicitur aper quasi asper a feritate, quia sine [illegible] ferus est et [illegible] apud grecos aper. Grece [illegible] i. ferus [illegible] aut a latinis [illegible] propter grandes [illegible] sicut idem dicit Ysidorus. Item aliter [illegible] et etiam Aristoteles. Aper est animal [illegible] quod vix castratus se exhibet [illegible] a alia ablata [illegible] mansuescit. Et [illegible] aper tantum ferum quod [illegible] intrepide se [illegible] et [illegible] cursus contra sibi resistentes [illegible]. Et ut fuit [illegible] [illegible] in montis periculo contra hostes [illegible] mira audacia se opponit [illegible] [illegible] [illegible] quibus contra sibi resistentes [illegible] et dillaniat. Et [illegible] pro gladio ad impugnandum [illegible] dentes durissimi [illegible] quod semper exponit venatibus [illegible] [illegible] pro clipeo [illegible] [illegible] contra [illegible] sibi [illegible] [illegible]. Culmos arcuum contra arbores [illegible] fricat, et sic [illegible] [illegible] confricando ad arborem ipsos probat. Quod si [illegible] ebrietatis originem [illegible] et masticat. [illegible] vinis [illegible] radices mondificat et confortat, ut dicit Avicenna. Item Plinius libro 28º capitulo 10º dicit quod urina apri medetur vitiis aurium, si cum oleo rosato infundatur. Item et fel eius valet contra [illegible], ut dicit libro 28º capitulo xi. Et est [illegible] [illegible] [illegible] ut nisi [illegible] fugere non possit, [illegible] opponit ut defendat. Nam ex [illegible] tradunt ex [illegible]. Item etiam ad coitum stimulat fel apri, dicit etiam idem libro 9º porcus agrestis multum diligit radices, et rubus mordet terram et fodit et scindit radicem cum [illegible] et [illegible] [illegible] quod querit [illegible] et maxime quando parum potest [illegible] cum lupo qui ipsum odit naturaliter. Nam lupus insidiatur filiis suis et sepius capit eos. Et ideo ut dicit idem libro xlvij. [illegible] apro ad [illegible] ad defendendum filios, et filios suos quia [illegible] sunt debiliores [illegible]

Et [illegible] complexionis calidi et mares sunt
[illegible] et dicit super feminas fortiores
[illegible] aut sevit irata et ledit fortius
[illegible] morsus et dilaniat aper [illegible]
[illegible] per omnes sensus fervens et ideo parum
[illegible] prosternit et jacentem et femina parcens
[illegible] stantes et dum aper irascit et pu-
gnat [illegible] spumas/ Unde quando luxuriat
[illegible] Omnia supradicta [illegible]
Et [illegible] ad [illegible] dicta in li. 8. ca. 2. ubi
dicit [illegible] alios porcos dentatos naso
[illegible] facit cum maribus apros
[illegible] feratas animo qui
[illegible] tur pro uxoribus
[illegible] singulis terram scalpens
[illegible] bibrat et [illegible]
et horrendum [illegible] furia prius per-
[illegible] concordia [illegible]
post feminas, et ideo [illegible]
et maritat/ sunt horrendis et umbrosis
vallibus et in montibus quibus ibi custo-
dit fetus suos et radicibus et arborum
silvestrium fructibus vivit/ et qui venatorum
insultus vel [illegible] impetus [illegible]
filios defendunt. Et si vires non [illegible]
[illegible] pro filiorum defensione [illegible]
periculo se exponunt qui debent [illegible]
[illegible] arborum indurat costas suas, et se
involvit in luto et desiccat ad solem
Et ut lutum pellem conglutinat et [illegible]
[illegible] et sic [illegible] adversariorum [illegible]
substinet in conflictu, ut dicit Arist. li. 8.
Femine aprorum post partum sunt asperi-
et crudeles ac crudeli morsu filiorum suorum
dilaniant invasores [illegible]. plinius.

¶ Est autem caro apri ut dicit Isaac magis
sicca et minus frigida quam caro porcina
domestica et hoc est propter motus sive exerci-
tationes [illegible] siccitatem/ et ideo cum con-
tinue exponitur caliditati [illegible]
[illegible] est durior, et ideo deterior
est ad comedendum/ Et propter hoc [illegible] domes-
tici [illegible] [illegible] et [illegible]

ante quam occidantur ut eorum carnes teneri-
ores et saporiores ex motu violento ef-
ficiantur ¶ De apro etiam dicit dyascori-
des quod fimus eius desiccatus et in vino et aqua
bibitus [illegible] sanguinem [illegible] remedium
est lateris doloris nam [illegible] curat, fra-
cta ossa consolidat et confortat, quere
supra de porco.

## De asino

Asinus est a sedendo dictus quasi asedus
quod homines super asinos sedebant antequam
equorum usus fuisset ut dicit ysy. li. 12.
Animal quippe simplex est pigrum et tardum
Et ideo de facili fit servitutis humanis di-
tionibus et prostratum ut dicitur ab a quod
est sine et sensus quod est sensus, quasi
animal sine sensu/ Unde dicitur asellus i. iu-
venis asinus, qui pulchrior est forma
ac dispositione qui etate est iuvenculus, quam qui
senex efficitur et antiquus, Nam quanto magis
fit annosus tanto plus quotidie fit
deformis hispidus et pilosus ¶ Est autem
animal melancolicum frigidum scilicet et siccum, et ideo
naturaliter ponderosum tardum inde est pigrum stolidum
ac obliviosum, tamen [illegible] est et
patiens laboris vilem modico victus cibo
sed tribulos etiam ac spinas et carduos
carpit cibum suum/ Et ideo dicit Arist. li. 9.
Unde dicitur quod asinus [illegible] avibus
inter spineta et carduneta nidificantibus
est exosus/ Et ideo quedam minuta passeris
pugnat contra eum quando comedit spinas
in quibus nidificant passeres illi, et cum
sentiat se ad spinas illas [illegible] pulli
illorum passerum sive ova, et quando asinus
audit ex illa [illegible] rapit, et forti flatu
movetur spinis et ex horrendo sonitu sui
rugitu terrentur aviculi et fugiunt de
nido suo/ Et propter ista saltant mares super
[illegible] et [illegible] et occulos atque
percuciunt rostro suo ¶ Et si habet asinus
vulnus in dorso vel in latere ex spinarum

[illegible] vel alia quaecumque de causa pungunt eum cum rostro in vulnere dorsi sui, recordat a loco nidi sui. Et si talis passerculus corpus habeat minutissimum, nec asinus potest se defendere contra eius ictum atque morsum. Dicit etiam Aristoteles ubi supra: Avis quae etiam corvus vocatur odit asinum. Et ideo corvus volat super ipsum et captat tangere oculos rostro suo. Sed iuvat asinum profunditas oculorum et spissitudo cervicis [illegible] quibus contra morsus avium claudit atque tegit visum suum. Et etiam [illegible] cooperant prominentias aurium et mobilitas earum quibus terret aviculas quae insistant capiti suo. Item de [illegible] li. 8° dicitur: Ursus pugnat cum asino et tauro

comedit carnem crudam et est

haec causa quare pugnat, quod [illegible] carnibus appetit satiari. ¶ De asinus autem dicit Plinius li. 8° ca. [illegible] unguento asinino suffumigatur partus adiuvatur in tantum etiam ut abortus [illegible]. Nec aliter debet quam [illegible] partus [illegible] si diu et frequenter apponatur [illegible] sanguinis profluxum [illegible] Sanguis vero valet contra [illegible] morbos particularum. ¶ Item Plinius li. 28° ca. [illegible] Lac asini sicut et sanguis valet contra morsum scorpionis. Si quis etiam dicat asino in aure se percussum a scorpione transire perhibetur in asinum. Dicitur a fare et suffumigamus pulmonis asini in [illegible] [illegible]. Dicitur etiam in eodem ca. 9° Lac asininum valet contra sumptionem [illegible] et contra cerusam et argentum vivum. ¶ Item li. x° Ossa asini confracta et decocta valent contra [illegible] si [illegible] decoctio bibatur. Item urina pulli asini cum nardo mixta capillos multiplicat et conservat. Item si quis urinas aures asini apprehenderit et [illegible] sanguine sine aqua biberit liberatur a quartana.

¶ De Asinis autem dicit Plinius [illegible]. Asinus est [illegible] frigidus [illegible] et ideo in frigidis regionibus [illegible] non generantur. Item dicit [illegible] asinus fit [illegible] habet [illegible] est [illegible]. Et non [illegible] sit xxx mensium. Et non [illegible] [illegible] anni [illegible] sint ad [illegible] [illegible] Plinius partus asinae [illegible] est [illegible] [illegible] Et [illegible] plurimum raro geminos parit. Et [illegible] femina sit [illegible] [illegible] arbores qui [illegible] ab [illegible] summo amore [illegible] per ignes ad [illegible] [illegible] transire et pedes tingere [illegible] [illegible] Et quod [illegible] aqua [illegible] in ipso [illegible] nec transeunt asini non [illegible] per pontes ubi per plancas possunt videre aquam transfluentem. Probatio [illegible] sic [illegible] patiuntur a [illegible] [illegible] propter quod timent per rimas pontis videre in aqua quam conspiciunt sub ponte transeuntem. ¶ Nec bibunt autem [illegible] nisi assuetos fontes quos sunt [illegible] ad quos possunt [illegible] [illegible] etiam quod mirum dictu est [illegible] [illegible] si [illegible] aquae ex eis [illegible] potant nisi [illegible] illa [illegible] quas frequentat. Plinius li. 8° ca. [illegible] Dicit quod si asina conceptus [illegible] [illegible] sanguinis [illegible] non concipit quot grana comederit [illegible] [illegible] ex asino et equa mula [illegible] [illegible] ad tales [illegible] eligunt equae [illegible] nec quadrimae sunt minores nec [illegible] [illegible] sunt maiores nec [illegible] passim ad [illegible] Horum [illegible] duo sunt genera scilicet equus cum asina et asinus cum ipsa equa [illegible] abalienatos esse [illegible] nisi in infantia lacte [illegible] [illegible] Et propter hoc pastores mulas [illegible] [illegible] [illegible]

[illegible] ista arte gignu[n]t reperientes. Nam
[illegible] equam pullos in tenebris subtrahu[n]t
[illegible] et nutriu[n]t eos lacte asinin[o]
[illegible] pulli equorum iam adulti essent ad
[illegible] equarum [illegible]
[illegible] pullis asinarum in tenebris subtractis
mamillis equarum, et tales aselli tali lacte
[illegible] equas [illegible]
[illegible] tales asini et equi [illegible]
[illegible] quod antiq[ui] [illegible] singularem
nos [illegible] sicut [illegible]
[illegible] asin[a] [illegible] equa dicunt multi [illegible]
[illegible] Asinus [illegible] equa [illegible]
[illegible] concipit [illegible]
[illegible] Asinus [illegible]
[illegible] vox [illegible]
equa est talia [illegible] calidus
cum [illegible] fit [illegible] et [illegible]
[illegible] concipiunt [illegible] fetus [illegible]
[illegible] equi asinos [illegible] Equi
[illegible] equi asinis maribus supponuntur [illegible]
[illegible] aselli et equi [illegible] mulus non [illegible]
[illegible] generationi. Nam utriusque parentis
[illegible] naturalis et complexionabilibus in ipso
[illegible] mulus aliud non generat
ut dicit [illegible] ¶ [illegible] dicit.
[illegible] asina concipit ab equo [illegible]
[illegible] facit eum abortire [illegible]
[illegible] est ut dicit [illegible]
[illegible]
temperantia [illegible] Et
[illegible] Asinus [illegible] et [illegible]
ad temperantia[m] [illegible] quando
[illegible] asininum naturale [illegible]
complexionale frigidum [illegible] ex naturali
[illegible] temperantia
[illegible] asini [illegible]
[illegible] Et est [illegible] quare [illegible]
est [illegible] in [illegible] mulo
[illegible] in asino est [illegible] complexionalis
et in matre [illegible] in equa [illegible] est calor
[illegible] Et [illegible] calor [illegible]
[illegible] equo [illegible] frigidum asini [illegible]

[illegible] generatio[n]em
tur [illegible] complexionalis [illegible] natura [illegible]
ad sterilitatem. Est autem [illegible] Asin[us]
que dicitur Asinus [illegible] in capite
in medio frontis cornu unum, et ideo non
habet nisi ungulam unam in quolibet ped[e].
Omne enim animal habens duo cornua, habet in
pedibus ungulas scissas. Et ideo asinus [illegible]
non habet [illegible] q[uia] ungulam in
[illegible] ut dicit Aristoteles libro 2°. Non tamen om[ne]
animal [illegible] ungulam habet cornua [illegible]
[illegible] habet cornua [illegible] ungula, ut patet
in [illegible] ut [illegible]
[illegible] Item dicit Aristoteles libro 7°. Asini
et muli sicut et equus [illegible]
[illegible] et pascuntur herbis et [illegible]
ab aqua et diligunt plus aquam turbi-
dam quam claram, [illegible] plus
diligunt claram quam turbidam. Item Aristoteles
in libro [illegible] Asini in maiori parte
[illegible] una infirmitate que di-
[illegible]. Et hec est infirmitas [illegible]
capitis et currit a naribus [illegible] multum
[illegible] et si descendat ad pulmonem,
Asinus moritur. Et hoc animal sentit frig[us]
plus [illegible] animalia, et propter hoc non nascitur in
terra [illegible] ut [illegible]
[illegible] dicit Asini fortiores et
[illegible] fortioribus [illegible] post-
[illegible] ante-
riori. Et ideo [illegible] dorso [illegible]
[illegible] impo-
nuntur post equinoctium [illegible] movetur ad
libidinem, et [illegible] terribiles et hor-
ribiles [illegible] excitat ad amorem,
[illegible] naribus [illegible]
[illegible] attrahit et eius [illegible] ad libidinem
[illegible] ut dicit Plinius. [illegible]
[illegible] Asinus conditiones [illegible]
[illegible] notas. Nam [illegible] labo-
ribus [illegible] stimulo [illegible]
[illegible]

hinc inde corrodunt et dilacerant carnem et tormento ab optatis potius per que talis sepius retinentur et post labores consuetos sunt mortui [illegible] pro predictis laboribus [illegible] vitio post mortem saltem in veris dimit- tit sed aut [illegible] et [illegible] sine sepultura aeri exponuntur nisi in carnem in silvis et luporum voracibus demorsibus contra aliquibus sepelliuntur.

De angue

Anguis nomen omnium serpentum generale est qui torqueri et plicari potest, et ex hoc anguis est dictus eo quod sit angulosus et numquam rectus ut dicit Ysidorus libro 12o et dicitur anguis serpens eo quod occultis accessibus serpit. Non enim apertis passibus sed minutis squamarum nisibus serpit [illegible] repere putatur inter reptilia eo quod pectore et ventre reptat ut dicit Ysidorus libro 12o. Dicitur etiam coluber eo quod colat umbras vel quod in [illegible] lubricus tractus et flexuosus [illegible] anguis labitur dum trahitur. [illegible] autem anguium vel serpentium multa [illegible] est sunt genera tot etiam sunt venena quot per- niciosa, quot species, tot dolores, quot colores ut dicit Ysidorus libro 12o. Et sicut differunt an- gues in quantitate, ita in veneni malicia [illegible] Sunt enim quidam angues maximi ut dicit Plinius libro viij capitulo xl. [illegible] in Judea serpentes tante magni- tudinis adolescunt ut [illegible] ac [illegible] atque thauros [illegible] et in punico bello iuxta flumen bagradam a Regulo imperatore [illegible] est balistis et aliis tor- mentis unus anguis xxx [illegible] pedes longi- tudinis cuius pelles et maxille [illegible] in [illegible] quoddam templum Rome et du- raverunt usque ad bellum numantinum. Sub Clau- dio etiam Cesare in ytalia etiam fuit quidam ser- pens interfectus in cuius alvo [illegible] puer est repertus. Et tales maxime serpentes [illegible] nec morsu nec flatu nec [illegible] ictu nec tortura nec [illegible] nec aspectu

[illegible] alii serpentes [illegible] sed maximi sunt nocendi potentia [illegible] enim est serpens tam frigidus ut [illegible] quod dum tetigerit [illegible] extinguit [illegible] [illegible] [illegible] sunt [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] contra [illegible] [illegible] dicit [illegible] libro viij [illegible] differunt [illegible] et dispositione. Nam aliqui [illegible] duo capita ut amphisbena de quo [illegible] 12o dicit Amphisbena est dicta eo quod [illegible] duo capita [illegible] [illegible] [illegible] [illegible] ex utroque [illegible] [illegible] [illegible] hec sola [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] dicit Plinius libro [illegible] Amphisbena duplex caput tamquam [illegible] esse uno ore venenum fundi. Sunt [illegible] serpentes habentes plura capita quam sunt du- plicata vel triplicata vel quadruplicata sicut de ydra dicit Ysidorus. Ydra est serpens multorum capitum qualis apparuit in pro- vincia archadie in palude ut dicit quod [illegible] tria capita [illegible] sed hoc fabu- losum est. Nam constat ydram fuisse locum evomentem aquas vastantes vicinam civitatem in quo [illegible] meatu clauso alii [illegible] Sed hercules videns loca [illegible] [illegible] et sic [illegible] aque. Et pro tanto dicitur [illegible] serpentem [illegible] capitum [illegible] ut dicit Ysidorus libro 12o.

Etiam differunt serpentes in colore [illegible] Nam quidam sunt nigri et quidam [illegible] ut [illegible] [illegible] [illegible]. Et quidam sunt maculosi [illegible] [illegible] [illegible] ut dicit Ysidorus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est quod [illegible] non [illegible] [illegible] sunt serpentes [illegible] [illegible] est [illegible]

tantus [illegible] et eius brevium [illegible]
et [illegible] est de [illegible] ille utique anguis
[illegible] etiam in hyemis [illegible]
[illegible] et potare [illegible] sunt [illegible]
[illegible] sitalis serpens [illegible] sola [illegible]
[illegible] possunt [illegible] ut dicit ysydorus
[illegible] marcidis [illegible] qui [illegible]
[illegible] Lucanus Et [illegible] marcilles
[illegible] conodos [illegible]
[illegible] sitis [illegible] Nam quidam
[illegible]
[illegible] ut dicit Plinius

¶ [illegible] quia in aquis et aque
[illegible] serpens aquatilis
[illegible] ut in ydropisi qua
[illegible] fumo bovis [illegible]
[illegible] ¶ Simile est serpens
[illegible] dicit [illegible] aliqui [illegible]
[illegible] fontium [illegible] corrumpit
ut dicit Lucanus Et [illegible] violator aque
ut ysy. li^o 12^o ¶ [illegible] in silvis et [illegible]
[illegible] sunt [illegible]
et [illegible] fugiunt [illegible] ut
dicit [illegible] Et tales [illegible]
[illegible] aliquorum [illegible] vel [illegible]
[illegible] ista [illegible]
diligentes [illegible] quam [illegible]
et [illegible] contra tales [illegible]
salutem [illegible] Nam
[illegible] serpens [illegible] super [illegible]
[illegible] ut [illegible]
[illegible] ut dicit [illegible]
et est [illegible] ut dicit ysy. li^o 12^o [illegible] quidam
[illegible] et [illegible]
[illegible] oculos [illegible]
[illegible]

¶ [illegible] quidam anguis serpens [illegible]
[illegible] salamandra [illegible] ysydorus
et Plinius [illegible] salamandra [illegible]
dicit [illegible] li^o 12^o est [illegible]
sit [illegible] contra incendia [illegible]
[illegible] est [illegible]
[illegible]
[illegible] Nam si arbori [illegible] omnia poma
inficit et [illegible] et [illegible]

Et etiam in puteum cadat ex illo potantes in-
ficit [illegible] ista contra incendia [illegible]
[illegible] sola [illegible] extinguit ignis [illegible]
[illegible] in flammis sine [illegible] pre-
et dolore [illegible] absque [illegible]
[illegible] incendium [illegible] vel extinguit ut
dicit [illegible] idem p[illegible] dicit Plinius
li^o x^o ca^o [illegible] Salamandra inquit est stellio
[illegible] figura [illegible] apparet nisi qui [illegible]
[illegible] tantus
est [illegible] extinguat [illegible]
[illegible] ¶ [illegible] samenus [illegible]
[illegible] hominis villos perdu-
[illegible] est in colore [illegible]
[illegible] differunt in morsu [illegible]
Nam quidam [illegible] flexuosi semper sunt
[illegible] et quidam semper recti sicut dicit
ysy. li^o 12^o. Centrus inquit est serpens in-
[illegible] qui semper [illegible] recto itinere sic
dicit [illegible] Et semper recto lapsurus [illegible]
[illegible] Vide aliquis mordit currens
super pectus et aliquis mordit [illegible] pectore [illegible]
[illegible] recto sicut quidam serpens aquatalis
et [illegible] chelidros qui [illegible]
[illegible] [illegible] fumare facit al' [illegible]
[illegible] dicit Lucanus. [illegible] via fumat
[illegible] hic semper ambulat directe et [illegible]
[illegible] Nam si se torserit dum currit
statim [illegible] ut dicit ysy. li^o 12^o ¶ Item dif-
ferunt in velocitate et tarditate Nam quidam
sunt [illegible] motus ut sitalus de quo
supra dictum est. Et quidam sunt ita veloces [illegible]
[illegible] et [illegible] quod volare dicuntur ut
serpens qui dicitur iaculus volat enim ut ia-
[illegible] enim in arboribus et dum aliquod
animal obviam fuerit iactat se super eum et perimit
[illegible] et iaculi sunt dicti sicut dicit ysydorus
Vide in Arabia sunt serpentes cum alis q
a multis [illegible] vocantur quia plus currit
[illegible] et [illegible] volare dicitur quorum tantus
est virus ut morsum ante mors quam dolor
ut dicit idem. Item differunt in magna [illegible]
[illegible] ut [illegible] serpentes [illegible]
qui se abscondit [illegible] et [illegible]
[illegible] velut [illegible]

bestias sunt aves. Et omnia [illegible] ad
modum vertit que unda sup arena et
terra [illegible]. Item dicit [illegible] vel [illegible]
[illegible] ipsi mouentur [illegible] anguis
per serpentia [illegible]. Ut et boas
anguis ut dicit Ysi. Ingens mole in Italia
persequitur greges armentorum et bubalos et
[illegible] uberibus lacte [illegible]
et sugunt, interimunt [illegible] a boum
depopulatione nomen accepit boas ut dicit Ysi.
Multa sunt alia nomina serpentium genera
ut aspides vipere et dracones [illegible] post
dicetur. Sed ut dicit Ysi. li° 12°. [illegible] unus
morsum [illegible] est nomen [illegible] an
guis pro maiori parte [illegible] sunt natu
re [illegible]
Nam quia sunt frigide [illegible]
Et ideo eorum venena plus nocent die quam
nocte torpent enim noctis algore [illegible]
[illegible] quia frigide sunt nocturno [illegible]
nunc in nodos se convertunt et [illegible]
et torpent, in estate se dissoluunt et in ma
licia multum vigent. Inde est quod quemcumque ve
neno serpens percusserit primo obstupescit, postea
cum in eo calefactum venenum exarserit statim
[illegible] et extinguit. Et ideo dictum est vene
num, quia per venas vadit. Cuius pestis
diffusa per corpus animal [illegible] et corpore et
expellit, nec potest ledere nisi quando sanguinem tetigerit.
Unde Lucanus. Noxia serpentum est admixto
sanguine pestis ut dicit Ysi. Et [illegible] omne
venenum frigidum est, et ideo anima que est ignea
fugit venenum frigidum. Sunt autem dona [illegible]
que habent bruta sunt [illegible]
quedam sensus anguis precellit legitur in
[illegible]. ca°. Serpens est calidior ceteris
animalibus terre dicit autem Plinius ut recitat
Ysi. Cum caput serpentis [illegible] cum duobus digitis
[illegible] vivit [illegible] et totum corpus obicit [illegible]
pro capite defensando. Item ibidem [illegible] anguibus
[illegible] est visus et [illegible]
contuentur. [illegible] quia oculos in fronte
non habent sed in temporibus, adeo ut citius audiat

quam aspiciat. Item ibidem nullum [illegible]
velocitate lingua agitat sicut anguis [illegible]
[illegible] moveri [illegible] ut [illegible]
[illegible] non [illegible]
Item ibidem serpentes [illegible] super [illegible]
[illegible] ut [illegible]
[illegible]
Nam [illegible] serpentum talis [illegible]
[illegible]
[illegible] quasi [illegible]
alium [illegible]
[illegible]
[illegible]
ad caput [illegible]
[illegible]
[illegible]
[illegible] et [illegible]
[illegible] Serpens [illegible]
[illegible] ut dicit [illegible]
[illegible] longitudinis [illegible] ut [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et [illegible]
[illegible] ut dicit
Ysi. li° 12°. [illegible]
anguis [illegible] mirabiles. Nam ut [illegible]
[illegible] anguis [illegible] morbo vel senio
aggravatur [illegible] et [illegible]
ut sic pelles [illegible]
[illegible] herba amara
[illegible] ad [illegible]
[illegible] sic [illegible]
et [illegible] ut [illegible]
[illegible] aqua se [illegible]
et [illegible] et sic angustum [illegible]
[illegible]
angustum [illegible]
[illegible] ab [illegible]
[illegible]
et in [illegible] super [illegible]
[illegible] ut [illegible]

et capite statim ac reuiuit auidius quam ante [illegible] sine exuuie [illegible] ¶ Item veneno [illegible] reprimit plinius et etiam [illegible] dicit enim de [illegible] quod tenuis serpens deponit [illegible] pellem primo usque ad [illegible] deinde usque ad collum et sic paulatim se expoliat [illegible] sicut dicit libro [illegible]. Item ysidorus [illegible] ingnoratis [illegible] asserebant medulla hominis mortui que est in spina dorsi anguem [illegible] quod et ouidius tangit dicens [illegible] cum clausi putrefacti spina sepulchri [illegible] credunt humanas angues [illegible] [illegible] credit [illegible] sic [illegible] accidit ita per homines [illegible] serpens procreari ut dicit [illegible] ¶ [illegible] dicit plinius libro [illegible]. Anguis [illegible] hominis [illegible] compulsa et [illegible] prouenire etiam in quatuor [illegible].

¶ Item dicit solinus ysidorus [illegible] serpens [illegible] hominem [illegible] quis [illegible] in [illegible]. Item [illegible] plinius [illegible] hominis [illegible] serpentibus est [illegible] et mortui.

Iterum de angue

Serpentis [illegible] proprietates anguis mirabiles et [illegible] que ab aliis auctoribus [illegible] aut [illegible] et [illegible] aliquas [illegible] iudicaui [illegible] in [illegible] obscuritas [illegible] visus [illegible]. [illegible] igitur [illegible] incipiunt [illegible] sentiunt caliginem [illegible] pro remedio querunt [illegible] vel radicis eius pastu ex isto [illegible] recipiunt [illegible]. [illegible] remedio testudo [illegible] pasta anguis [illegible] cum [illegible] origani [illegible] contra [illegible] mortis medicinam. Item dicit plinius [illegible] libro [illegible] serpentibus [illegible] [illegible] est [illegible] parum [illegible] odoris [illegible] et [illegible] fugit [illegible] cum ruta [illegible] pastam [illegible] serpens [illegible] fugit ad [illegible] sic

[illegible] fugit [illegible] et [illegible] oua auium et pullos viuos et [illegible] ad posteriora sua [illegible] et [illegible] in [illegible] mouent. Item dicit [illegible] libro [illegible] Interiora et [illegible] serpentium sunt [illegible] intestinum [illegible] quadrupedum [illegible] testiculos [illegible] hunc duas sicut sunt in piscibus et matrices habent longas et [illegible] et sunt eius interiora longa et stricta secundum longitudinem corporis sui. Et lingue serpentium sunt nigre [illegible] et [illegible] duo [illegible] et [illegible] et propter hoc [illegible] et sunt [illegible] ad mouendum. Et venter serpentis longus est et [illegible] intestino amplo et illud intestinum assimilatur intestino canis. Et habet post ventrem intestinum paruum intestinum [illegible] usque ad [illegible] [illegible] et habet cor paruum [illegible] [illegible] in aspectu et post cor est pulmo in quo sunt [illegible] subtiles et [illegible] [illegible] et post pulmonem est epar longum et [illegible] et super illud fel sicut in piscibus et maioribus [illegible] in minoribus est fel super intestina. Et splen in serpentibus paruus est et rotundus. Dentes autem serpentium sunt acuti [illegible] et [illegible] diuisi [illegible] secundum serram. Et [illegible] serpentes [illegible] secundum [illegible] dicit quod accidit serpentibus quod pullis [illegible] ut si aliquis [illegible] oculos et [illegible] eos [illegible] Et [illegible] serpentum sicut et lacerte [illegible] postquam abscisse sunt. Item omnes serpentes ouant primo interius deinde non simul sed paulatim [illegible] oua ex quibus [illegible] animalia exterius excepto tyro [illegible] vipera tyrus enim serpens ut dicit [illegible] libro [illegible] [illegible] animalia interius [illegible] primo ouat interius et ex illis [illegible] animalia [illegible]. Et [illegible] dicit [illegible] quod matrix aliorum serpentum est longa [illegible] corporis. Et incipit matrix [illegible] a parte inferiori et procedit superius ex utraque parte spine et diuiditur in duas partes [illegible] inter illas. Et [illegible] sunt oua [illegible] in [illegible] et in [illegible]

orat serpens cum sit secundum successivum. Item Arist. libro vi. De serpente. Tempore coitus ita ad invicem se applicant et involvunt ut per aspicientes quod sit unum corpus habens duo capita. Item Arist. libro vii. De serpente et maxime transglutias glutit avem vel aliquid aliud simul se erigit et postea se extendit [illegible] mat interius quod transglutit et hoc est quia eius stomacus parvus est et strictus et post serpentes diu vivere sine cibo quod patet ex serpentibus quos custodiunt vendentes. Item Arist. libro viii. Galis id est mustella pugnat cum serpente et munit se pastinace et maxime pugnat contra serpentes comedentes mures quia ipsa venatur mures et manducat eos. Item libro ix. dicit quod serpentes multum diligunt vinum et ideo venantur cum eo. Sed diligunt lac valde et sitiunt odorem eius. Et ideo si aliquis [illegible] terram serpens subintraverit [illegible] potest serpens ille odore lactis ut dicit [illegible] et etiam dyas. Item Arist. libro [illegible] Serpentes habet quod post mortem caput ad posteriores corporis quiescunt. Et causa illius est quia tenuiles spondilium serpentum causant cortilaginem. Et propter hoc sunt bone reflexionis. Et fuit hoc necessarium, vertit caput ad aspiciendum corpus suum longum atque strictum. Aliendum possint regere corpus suum nisi mira tunc elevant caput ad toti corporis [illegible]. Item ubi in eodem. Serpentes natant in aqua per corporis reflexionem sicut reptant super terram. Non enim dedit natura serpentibus pedes ad gradiendum nec pinnulas ad natandum. Cuius causa est nimia corporis longitudo quam si haberent multos pedes esset malus motus quam esset super [illegible]. Similiter si multas alas haberet propinquas esset gravis motus et si ab invicem essent remote ad sustentandum [illegible] corpus longum et flexibile non sufficerent. Et ideo quod faciunt pisces habentes pinnulas [illegible] contractionis et anguille [illegible] hoc faciunt serpentes sola corporis flexione. Similiter

et quidam pisces sicut serpentes [illegible] quia [illegible] habent pinnulas [illegible] vel nullas natant corporis [illegible] sicut murene et pisces [illegible] a nobis dicti congrui [illegible] et huius. Et [illegible] serpentibus in [illegible] habent [illegible] duas alas vel pinnulas [illegible] et utuntur [illegible] flexibilitate loco pinnularum [illegible] hoc reptat in terra. Et [illegible] etiam super aquam sicut [illegible] serpentes [illegible] [illegible] sunt [illegible] et [illegible] super [illegible] sicut [illegible] [illegible] [illegible] quia [illegible] serpentes [illegible] [illegible] ad [illegible] et [illegible] [illegible] nec testiculos propter longitudinem corporis. Et si fuerint [illegible] spina propter tarditatem sui [illegible] et [illegible]. Item ubi [illegible] Non accidit [illegible] serpentum [illegible] et monstruositas nisi raro et hoc accidit propter figuram [illegible] que longa est et [illegible] atque stricta [illegible] serpentis sit disposita [illegible] propter longitudinem [illegible] et multas alias proprietates [illegible] et [illegible] quas [illegible] longum [illegible]. Et hec dicta [illegible] sufficiant. [illegible] usualiter [illegible] proprietatibus et [illegible] infra [illegible] in [illegible].

### De aspide

Aspis est anguis [illegible] et [illegible] [illegible] ab aspergendo [illegible] quod [illegible] atque [illegible] latinus ut dicit ysy. libro xii. [illegible]. Et [illegible] species diverse sunt [illegible] effectus ad nocendum [illegible] quia [illegible] sompno [illegible] sibi apposuit

[illegible] sanguis sompno resolutus est [illegible] [illegible] aspis sic dicit [illegible] q[illegible] illius sug[illegible] [illegible] [illegible] pr[illegible] et qui ab ea [illegible] [illegible] [illegible] fluxu sang[illegible] [illegible] [illegible] [illegible] dicitur [illegible] [illegible] est aspis [illegible] semper [illegible] [illegible] [illegible] [illegible] mortuo

¶ [illegible] [illegible] distendens [illegible] [illegible] [illegible] ab co[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dicit idem [illegible] / [illegible] [illegible] et [illegible] aspis et [illegible] qui [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] totale [illegible] [illegible] [illegible] sed etiam ossa [illegible] [illegible] [illegible] [illegible] [illegible] Quidam [illegible] [illegible] Ossa que dissoluens [illegible] [illegible] [illegible] [illegible] [illegible]. Sunt et alia genera aspidum multa quorum tanta est virulentia que etiam mediante [illegible] [illegible] [illegible] [illegible] [illegible] sunt tangitur ut dicit [illegible] in [illegible] de [illegible]. Quere [illegible] [illegible] [illegible] [illegible] de [illegible]. ¶ De aspide [illegible] in quo dicit ysy. li. 12. [illegible] [illegible] que aspis [illegible] [illegible] pati incanta[illegible] qui eam quibusdam carminibus [illegible] ut eam de caverna pro[illegible]. Illa cum exire noluerit [illegible] aurem in terra [illegible] alteram vero cauda [illegible] et [illegible], et sic illas voces magicas non audiens ad incantantem non exit et eius imperio non obedit ut dicit ysydorus.

¶ De aspide vero dicit plinius li. [illegible] [illegible] [illegible] [illegible] ab aspide [illegible] [illegible] [illegible] [illegible] amputatum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] aut [illegible] [illegible] [illegible] est [illegible] vel affectus [illegible] suos [illegible] affectu diligentes [illegible] [illegible] [illegible] [illegible] [illegible] alterutra [illegible] [illegible] ultionis cura altera [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] agnoscens [illegible]. [illegible] [illegible] [illegible] difficultates [illegible] [illegible] spatia [illegible] vel [illegible] [illegible] fuga aut amnibus et fluviis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] venenosa [illegible] et [illegible] [illegible] [illegible] natura [illegible] Nam oculos [illegible] in temporibus et non in fronte. [illegible] [illegible] [illegible] dicitur ad [illegible] [illegible] [illegible] [illegible] propter quod non [illegible] [illegible] [illegible] [illegible] [illegible] / sed potius [illegible] [illegible] vel [illegible] nam in [illegible] duobus [illegible] magis viget ut dicit [illegible].

¶ [illegible] dicit [illegible] quod aspis / non [illegible] [illegible] et [illegible] / nam in illis [illegible] suos [illegible] [illegible] [illegible] aspidi obiciunt / Et [illegible] [illegible] [illegible] [illegible] [illegible] ipsis [illegible] non aspis sed statim moriuntur ab aspide si fuerint adulterini / et hoc dicit plinius li. 8. ca. ultimo dicit enim sic quedam animalia indigenis sunt inopia quedam [illegible] alienos sicut serpentes [illegible] illis qui de terra [illegible]. Sicut angues [illegible] [illegible] [illegible] [illegible] non [illegible] nec [illegible] [illegible] [illegible] alios aut cuiuslibet [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] etiam [illegible] plinius quod [illegible] [illegible] in quodam monte a scorpionibus hospites [illegible] / sed indigenas [illegible] et [illegible].

De aranea.

de aranea

Aranea ut dicit ysy. li. 12. vermis est aereus ab aeris nutrimento nominata que exiguo corpore longa filla [illegible] et [illegible] semper intenta nunquam desinit a labore / [illegible] aut [illegible] in suo [illegible] [illegible] [illegible] ad modicum flatum venti aut pluvie [illegible] [illegible] [illegible] et [illegible] totaliter perdit laborem

¶ Dicit autem [illegible] quod aranea est modicum [illegible] [illegible] multipedes [illegible] vel [illegible] [illegible] pedes quos semper pares et nunquam impares [illegible] [illegible] [illegible] ut semper [illegible] [illegible] [illegible] sicut et [illegible] omnis, Et hoc est [illegible] [illegible] [illegible] duos vel plures pedes / [illegible] aut aliquos pedes longiores et breviores [illegible] [illegible] [illegible] [illegible] [illegible]. Nam.

Cum quibusdam filla [illegible] et in [illegible]
[illegible] pertrahit cum quibusdam [illegible]
parat filla [illegible] cum quibusdam [illegible]
filla capit et dum in tella suspensa [illegible]
mobile se suspendit [illegible] dat [illegible]
animalia [illegible] Inquit in aranea
sensus tactus [illegible] in tella sua
medio subito [illegible] filla [illegible]
in parte remota [illegible]
invadit et aggreditur tamquam [illegible]
si tunc [illegible] potuerit [illegible]
in tella sue filla [illegible]
voluit, et primo rapuit [illegible]
git, et de tali [illegible]
Nam [illegible] gustabile [illegible]
sicut gustabile apis est mel ut dicit
[illegible] et [illegible] Item [illegible] aranearum
est diversitas sexus ut dicit [illegible]
et est femina maioris corporis quam masculus
et pedes habet longiores flexibiliores et
habiliores ad motum et etiam ad texturam
Et sicut dicit idem [illegible] tempore [illegible]
[illegible] femina attrahit marem per filla
tella, et post masculus [illegible] et non
cessabit attractio donec [illegible]
masculus ponitur super ventrem femine
et iste modus coniunctionis est [illegible]
cessarius propter ventris rotunditatem Et ista
coniunctio maxime est in fine veris et
in principio estatis, et alii in autumpno et
in principio hyemis, et tunc maxime [illegible]
[illegible] et [illegible] ampli [illegible]
nosse. Item [illegible] Dicit [illegible]
aranearum sunt multa, nam quedam sunt
parva et diversi coloris, et ista [illegible]
ta et velocis motus. Alia sunt maiora
et coloris nigra, et [illegible]
[illegible] sunt longiora et tardioris motus
[illegible] stimulant. Et [illegible]
solent [illegible] iuxta [illegible]
et manent in textura sua quousque
aliqua [illegible] sicut musca.

quam [illegible]
[illegible]
[illegible] posuit et [illegible]
[illegible] patiant [illegible]
[illegible] assidue et [illegible]
ad [illegible] et [illegible]
[illegible] et quod [illegible]
[illegible] texturam [illegible]
[illegible]
[illegible] laborat [illegible]
[illegible]
parit et [illegible] masculus [illegible]
[illegible] filla
[illegible]
est maior [illegible]
facilis [illegible]
[illegible] quibus [illegible]
[illegible] pariunt [illegible]
[illegible] et [illegible] modo [illegible]
ad texendum [illegible] mathematice [illegible]
instructe ad [illegible] apta
[illegible] est [illegible]
quedam aranea [illegible]
[illegible] super [illegible]
quousque [illegible]
[illegible] sit [illegible]
usque moriatur [illegible]
[illegible] quedam aranea [illegible]
[illegible] et [illegible]
[illegible]
[illegible] coniungunt [illegible]
et plus [illegible] aranearum
[illegible]
plures sunt [illegible] est [illegible]
[illegible]
[illegible] dolor ad [illegible]
[illegible] Alia est species maioris corporis
et nigri coloris et [illegible] longioribus [illegible]
[illegible] in [illegible] super terram
[illegible] est species [illegible]

consuendas [illegible] tellas admirandi
[illegible] tanto opi sufficiat mi
[illegible] aranee utero ad tanti
[illegible] paulatim et ordinate
[illegible] et [illegible] utrius vir a [illegible]
[illegible] fuerunt. Ver [illegible] est [illegible]
quod [illegible] ignorans q tanta sit [illegible]
[illegible] ex [illegible]
[illegible] languida [illegible]
et [illegible] reprobat [illegible] qui
[illegible] non [illegible]
[illegible] aranee et [illegible]
[illegible] et [illegible]
[illegible] calore [illegible]
aranea [illegible] rapiat qui [illegible]
[illegible] tele [illegible] plus
[illegible] consuete [illegible]
bi sumptio. [illegible] suppleat q
digestio [illegible] ad consuetudinem [illegible]
aialis ut d. Al. ¶ Item plinius [illegible]
[illegible] rotundum et [illegible]
et filum et miro artificio ducit sta
mina ab inferiori ad superius. Et iterum
ducit [illegible] et puncto ad punctum
[illegible] filo [illegible] et omnes
[illegible] in [illegible] medio
[illegible] distantia [illegible] copulat et
[illegible] ducto [illegible] stamine [illegible]
dicit plinius [illegible] incipit a medio
orbe [illegible] spiramina vel subtrema
et maculas [illegible] texit tela
foramina miro artificio sunt [illegible] qua
drata [illegible] oblonga [illegible] rotunda tanto
strictiora quanto sunt [illegible] medio et
tanto laxiora quanto propinquiora sunt extre
mo [illegible] medium [illegible] filo tam
indissolubili iungit [illegible] nodum [illegible]
[illegible] et [illegible] non habeat
[illegible] ¶ [illegible]
aut [illegible] tela sua que [illegible]

[illegible] sunt [illegible]
[illegible]
Item dicit [illegible] q quandiu [illegible] tella
[illegible] aliquo [illegible]
ipa tella [illegible] incipit a medio [illegible]
[illegible] quod [illegible] et q [illegible] fuerat
in tella [illegible] quandiu [illegible]
non est [illegible] Item dicit [illegible] q [illegible]
sunt [illegible] q tempora sunt
futura altius vel submissius solent
componere tela sua. Item [illegible] dicit
q multitudo aranearum signum est fu
[illegible] Item [illegible] h^o. c^o.
in [illegible] q dicit q
aranee [illegible] fecerunt [illegible]
[illegible] etiam [illegible] frutices
aliarum arborum [illegible] qua [illegible] involutione
[illegible] arbores et [illegible] qui sunt in
germine vel in flore. [illegible]
[illegible] et [illegible]
[illegible] succurratur. Ex cuius [illegible]
extinguitur sub plantaginis si modo
[illegible] apponatur. Et [illegible] aly ut
[illegible] et [illegible] contra aranee
[illegible] succo plantaginis [illegible]
[illegible] dicit plinius [illegible]
[illegible] aranearum aut
tella ut dicit [illegible] et plinius ex [illegible]
[illegible] quedam mirando artificio
generatur subtilissima compositione
[illegible] componit et [illegible]
a [illegible] et aliis bestiolis quibus [illegible]
[illegible] vitatur. Cum labor [illegible]
componit [illegible] ipa tella
dissipatur [illegible]
[illegible] et subito
[illegible] et [illegible] sit aranea
[illegible] tella [illegible]
minosa non est cum multis medicine
[illegible] utilis reputatur. Ea ut dicit [illegible]

Tela [illegible] alba et munda plus [illegible] admixta [illegible]
[illegible]
[illegible]
et supposita [illegible] prohibet [illegible]
et sanat plagas [illegible]
flatuca [illegible] ¶ Est [illegible]
quoddam genus [illegible] quod spal[illegible]
[illegible] uocant [illegible]
q°. Et est hec aranea [illegible] formice [illegible]
longe maior corpore [illegible] caput
reliquum corporis est [illegible]
[illegible] est [illegible]
[illegible] aut maxime [illegible] et
uiolas contra [illegible]
aliam [illegible] genus [illegible]
et ad hec [illegible] cum [illegible]
minuit quorum [illegible]
mordet morsui mustele [illegible]
genus [illegible] cum [illegible]
et dolor [illegible] est [illegible]
Et ex tali morsu [illegible] labi[illegible]
et accidit caligo et uomitus [illegible]
genus aranee [illegible]
[illegible] alio nomine de [illegible]
formice [illegible] capite albo [illegible]
capite corpus distinctum [illegible]
[illegible] morsus [illegible] dolor [illegible]
Et de formicaleone [illegible] formicas [illegible]
ut leo et [illegible] fugerit [illegible]
[illegible] et ab alys [illegible]
[illegible] remedium aut contra [illegible]
omnium aranearum est [illegible]
cum [illegible]
et sanat morsus aranearum [illegible]
facit cinis [illegible]
[illegible] contra [illegible]
[illegible] et mitigat dolorem
[illegible] et alia remedia [illegible]
[illegible] sufficiant [illegible] remedia
[illegible] aranea [illegible]
[illegible]

A

[illegible]
[illegible]
[illegible]

[illegible]

[illegible] spiritus [illegible] do omn[illegible]
[illegible] credunt alu[illegible]
[illegible] et [illegible] alucaria.
[illegible] domos suas
et [illegible] excitavit
[illegible] tur omnes re[illegible]
[illegible] Item in rochus raplo
[illegible] forma regia [illegible]
[illegible] pari dissoluentes
[illegible] rupuentes [illegible]
[illegible] aculeo armat[illegible]
[illegible] maiestatis ut dicit rochus ca. 13.
[illegible] sibi nā
[illegible] Voluit eciā nā ipsum
[illegible] patrie [illegible] et ideo
[illegible] et [illegible]

Dn̄s constat apum imperatorem aculeis non
[illegible] aut est circa regis [illegible]
[illegible] totū examen
[illegible] Et ab ipso agmine
[illegible] et ballatur
[illegible] obsequentium [illegible]
[illegible] Cuius populus apium
[illegible] et [illegible]
[illegible] portant qui [illegible] a la
[illegible] Circa quem apes assi[illegible]
et [illegible] aculeum [illegible] qui
[illegible] assidua regis sunt custodes et raro
[illegible] nisi [illegible] totū examen [illegible]
[illegible] aliquid mire
[illegible] et qui ad [illegible] preparat
[illegible] quis tunc regi apium alla [illegible]
[illegible] tunc [illegible] Et qui pro
[illegible] regis obsequio se offerunt
et [illegible] volunt. Regem [illegible]
[illegible] et [illegible] portant [illegible]
[illegible] ab arte circa
[illegible]
[illegible]

devingat [illegible] spongia [illegible] totum apum [illegible]
[illegible] ad alia [illegible] non possunt.
Ad alvearia [illegible] quidam [illegible] apes q[uae]
suum [illegible] magnae [illegible]
tum quae devorant mella et [illegible] apes
[illegible] qui eas [illegible]. Quidam
est [illegible] apum [illegible]
et mella depopulant[ur] qui est [illegible]
[illegible] in [illegible] et in mellis [illegible]
Et aut [illegible] in alveariis [illegible]
[illegible] faciunt in [illegible]
unde et contra eas [illegible]
[illegible] que sunt apes [illegible]
faventes [illegible] eis [illegible]
nt eas [illegible] sed potius eas
sibi [illegible] et defendunt contra alias
de causis aut [illegible] contra [illegible]
[illegible] mella [illegible] in
actu pulveris aut fumo [illegible]
[illegible] Apes quidam sunt [illegible]
ac silvestres, horride aspecte et [illegible]
[illegible]. Sed labor et opus sunt [illegible]. Aliae
sunt urbanae, quarum quaedam [illegible] et
[illegible] sunt ac rotunde. Aliae sunt longe
sicut vespe, et iste sunt aliis [illegible]
et sunt pillose, et quaedam [illegible] sunt
albe que in [illegible] mella faciunt. Et
[illegible] non alii in arborum [illegible]
mellificant, alie in terre [illegible]
[illegible] Quidam [illegible] ardore [illegible]
profunde [illegible] sub [illegible]
[illegible] et [illegible] modum. Aliae
quidam [illegible] et [illegible]
[illegible] mellificare non possunt. [illegible]
[illegible] prodesse [illegible]. Odores [illegible]
et [illegible] fumos [illegible]
[illegible] in [illegible] odor [illegible]
[illegible] odore [illegible]
examinant. Quando [illegible] mori [illegible]
[illegible]
[illegible] consumpto

Nam [illegible] tanto [illegible]
[illegible] nisi [illegible] mortem
[illegible] et dolore moriuntur [illegible]
[illegible] apum sanitas [illegible]

## De apibus occurrentibus infirmitatibus

Quia etiam [illegible] apes [illegible]
[illegible] infirmitates [illegible]
[illegible] qui non [illegible]
[illegible] eis [illegible]
[illegible] faciunt eas [illegible]
[illegible] eas. [illegible]
[illegible] pascunt [illegible]
[illegible] eis [illegible]
[illegible] pestifere [illegible]
[illegible] papilionum [illegible] na
[illegible] papilio [illegible] et [illegible]
[illegible] ex quibus generant[ur] [illegible]
[illegible] Nocet etiam eis
aviditas pastus, quando nimia florum [illegible]
[illegible] et maxime [illegible] in
[illegible] quidam examinant[ur] [illegible]
[illegible] in [illegible] ponatur [illegible]
Nocet etiam [illegible] et mortis [illegible]
[illegible] causas quando sentiunt [illegible]
nulla minus [illegible]
[illegible] et [illegible] et [illegible]
[illegible]
quibus [illegible] et [illegible]
[illegible] sed qui [illegible]
[illegible] mel, et non [illegible] de domibus
suis. Et qui [illegible] domos [illegible]
[illegible] in eis domos [illegible]
[illegible]. Et qui [illegible] alveariis
sunt nimis ampla, [illegible] ampla
[illegible] quadam [illegible]
que in odore est [illegible]. [illegible]
[illegible] domum regis, et illa domus [illegible]
est foraminis et post alias domos [illegible]
[illegible] maiorum vel minorum
[illegible] domos suas

[illegible] est operatio nisi ad congregandum [illegible] mellificandum. Et ante quam incorat [illegible] suis et quod est tempus exeundi [illegible] [illegible] ascendunt in altum secundum formam [illegible] et postea cadunt et congregantur [illegible] rex numquam exit nisi cum exercitu et [illegible] non habet aculeum nisi forte parum [illegible] non pungit sed non potest. Et reges [illegible] sunt duorum modorum: unus est rubeus [illegible] sicut carbo et est in duplo [illegible] quam apis que mellificat. Et [illegible] magis pigre quam [illegible] et [illegible] apes meliores et coton[illegible] [illegible] coloris. Et apes que [illegible] et oves sunt meliores et [illegible] faciunt mel [illegible] in [illegible]. Apes autem que non sunt bone [illegible] faciunt mel [illegible] nec [illegible]. Et apes que semper adherent [illegible] mellificant mel melius alie cum corrumpitur [illegible] et [illegible] in eo [illegible] corrumpunt mel.

Triplex autem causa [illegible] apes multo mellificantes: scilicet ad destructionem et ad [illegible] superflue consumptionis [illegible] ignea est in [illegible] et ideo propter valet ad consumptionem superflui [illegible] et [illegible] et [illegible] et super alvearia [illegible] faciunt alias [illegible] que [illegible] sustinere et [illegible] [illegible] alas. Et [illegible] apes [illegible] illas [illegible] et [illegible] mellificantes [illegible] [illegible] super domos suas. Et apes mellificantes [illegible] [illegible] [illegible] et reges malos [illegible] non bene [illegible] faciunt [illegible] mel [illegible] et apes que [illegible] non operantur nec laborant et [illegible] de alvearibus et [illegible] [illegible] mel et [illegible].

Est autem [illegible] apum quod [illegible] labori et [illegible] apes mellificantes et [illegible] domos et [illegible] vigilare et bone custodie. Et quod alvearia in [illegible] sito si [illegible] causa [illegible] in [illegible] quod non possunt [illegible] statim a [illegible] apibus huiusmodi [illegible]. Et [illegible] rex [illegible] ratiocinabitur pro [illegible] et [illegible] alie quod sit rex [illegible] et obediunt illi sicut patri. Et quod [illegible] [illegible] et illa [illegible] non [illegible] nisi quod [illegible] acceperunt et si [illegible] rex [illegible] voluit esse rex illius [illegible] [illegible] [illegible]. Et postquam [illegible] pulli et fuerint pastu [illegible] altera [illegible] [illegible] professi. Et postquam [illegible] pulli et fuerint equales magnis festinant opus suum et senioribus [illegible] operantur. Nulla autem creatura [illegible] est ad vindictam quam sit apis que ad iracundiam provocatur. Et ideo [illegible] [illegible] multitudo apum et tota [illegible] nulla resistere compellitur.

Fumus super omnia abhorrent apes et laborant [illegible] fetores et squalales [illegible] et [illegible] que [illegible] valet [illegible] et [illegible] domos valet purgare [illegible] et [illegible] melius operantur et faciunt melius mel quam seniores et non [illegible] [illegible] [illegible] sicut [illegible]. Potant autem apes et bibunt sed aquam [illegible] [illegible] si prope sunt a [illegible] [illegible] nec potest nisi prius provenit [illegible] suam. Et magis mellificant in autumpno et vere et mel [illegible] est [illegible] [illegible] et ampliorem [illegible]. Apibus placent [illegible] sonitum [illegible] palmarum et [illegible] cantu et [illegible] autem [illegible] sonitu et tinnitu ad alvearia [illegible] et quod [illegible] apibus multum [illegible] et [illegible] operantur. Et [illegible] oportet ut mediocritas sit in alvearibus

innuitur. huiusque [illegible] libro 7o. Et multa
alia ponit in [illegible] [illegible] dicit
libro 8o et plinius in 29o [illegible] hec [illegible]
[illegible] in libro xij [illegible] [illegible]
et aliis auctoribus hic excepta [illegible]
sufficiant

De bove

Bos grece boos nuncupatur quem
latini trionem vocant eo quod terram
terat. cuius latitudo pellis a mento usque
ad crura palearia dicitur a pelle ipsa sic dicta
quasi pellearia quod quidem nobilitatis in bove est
signum ut dicit ysidorus libro 12. Boum etiam
ut dicit ipse [illegible] [illegible] [illegible] [illegible]
pietas est. nam alter alterum inquirit cum
quo collum aratro trahere consuevit et fre-
quenti mugitu pium testatur affectum quando
ipsum invenire non potest. ¶ Item boves
dicit plinius libro 8o capitulo 45o [illegible]
nullorum tradunt esse altitudo [illegible]
[illegible] sunt in latitudine [illegible] [illegible] et
[illegible] [illegible] soli [illegible] [illegible] [illegible] am-
bulantes [illegible] et [illegible] [illegible] ablutor
[illegible] pinguescunt [illegible] cornibus [illegible] [illegible]
[illegible] [illegible] post laboris [illegible] [illegible]
[illegible] [illegible] [illegible] ¶ [illegible] [illegible]
boves qui non habent palearia [illegible] [illegible]
[illegible] gibbos in dorso boves [illegible] [illegible] [illegible]
cornua [illegible] in opere [illegible] [illegible]
[illegible] nigri coloris [illegible] [illegible] cornua
minus reputantur utiles ad laborandum
[illegible] cornua et spissiora habent boves
quam thauri. et post castrationem bos in
corpore et in cornibus [illegible] [illegible]
crescit [illegible] et [illegible] et in robore
et in virtute. non tamen tante [illegible]
et audacie sicut ante [illegible] [illegible]
domitus maturius et [illegible] [illegible]
labores. et [illegible] [illegible] et [illegible]
gravioris. Item plinius [illegible] domari
bovem [illegible] [illegible] post [illegible] [illegible]

minus est [illegible] [illegible] [illegible] [illegible]
non [illegible] [illegible] [illegible] [illegible] [illegible]
agricultura [illegible] hoc animal [illegible]
[illegible] [illegible] [illegible] boves [illegible]
[illegible] [illegible] mortuus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] natura
[illegible] et modum non solum [illegible] [illegible]
[illegible] ad [illegible] [illegible] [illegible]
[illegible] est et aptum [illegible] [illegible]
fuit [illegible] et [illegible] [illegible]
[illegible] [illegible] ¶ [illegible] [illegible] boves [illegible]
et [illegible] [illegible] [illegible]
[illegible] apta [illegible] [illegible]
et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] cornua [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] contra
[illegible] [illegible] [illegible] et [illegible] [illegible]
et cornua [illegible] [illegible] [illegible]
contra [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] boums etiam [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] in [illegible] [illegible] coloris [illegible] [illegible]
[illegible] [illegible] etiam [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] ad [illegible]
[illegible] ¶ [illegible] etiam [illegible]
custodes [illegible] et [illegible] [illegible] [illegible]
[illegible] qui [illegible] [illegible] et ad [illegible]
[illegible] [illegible] [illegible] [illegible] multa alia
[illegible] boum sunt [illegible] [illegible]
nichil est in bove quod [illegible] [illegible]
non sit utile etiam [illegible] [illegible] ut dicit
plinius libro 29o capitulo [illegible] [illegible] [illegible]
bovis [illegible] [illegible] [illegible] dolorem [illegible]
[illegible] [illegible] etiam [illegible] [illegible]
[illegible] et [illegible] ad [illegible] [illegible]

[illegible]

De bubulco

Bubulcus dicitur bovum custos qui eorum custodie ex officio deputatur. hic boves pascit et nutrit et ad pascua eos ducit et educit et dum sunt in pascuis prodes eos colligit et [illegible] fugo premit et a [illegible] eos [illegible] et cum stimulo pungit [illegible] compellit ad labores et ut uniformiter aratrum trahant [illegible] eos [illegible] bello et [illegible] eos [illegible] et ut laborum [illegible] ipsos [illegible] et [illegible] dicit [illegible] boves sicut et [illegible] gerit [illegible] dicit [illegible] cum [illegible] eos diriget et ut [illegible] sanat [illegible] ad [illegible] ad [illegible] fugiendas [illegible] eos in [illegible] ipsos ducit

De buballo

Bubalus [illegible]

[illegible]

[illegible] bubali [illegible] sanat [illegible] contra [illegible] ut [illegible] sanat [illegible] bubalinum [illegible] contra [illegible] na sua pinguedine [illegible] multum prodest [illegible] et contra [illegible] salamandre [illegible] sanat [illegible] bubali [illegible] sup[er] posit[um] sanat [illegible] et [illegible] contra [illegible]

Sunt [illegible] boves agrestes [illegible] et tamen sunt [illegible] agilitatis [illegible] tante [illegible] sunt agiles ut [illegible] super cornua [illegible] possit [illegible] super terram. hii boves odiunt et [illegible] omne [illegible] et [illegible] venatores [illegible] ad se [illegible] venator aut bestia [illegible] appropinquantem [illegible] magna arbore et forte se abscondit [illegible] cornibus ita fortiter se impingit [illegible] arbore [illegible] propriis cornibus ab arbore [illegible] et sic [illegible] venatoris jaculis [illegible] et [illegible] Est et aliud animal silvestre bovi [illegible] non est tante magnitudinis [illegible] cornua [illegible] alta et acuta cum quibus [illegible] arbores [illegible] [illegible] ad terram qui [illegible] terram [illegible] subtilia et [illegible] venena [illegible] bestie [illegible] contra illas [illegible] magis et magis se [illegible] et [illegible] ab illis [illegible] non [illegible] forti se [illegible]

[illegible] in [illegible] auditus [illegible]
re hoc sit bestiam [illegible]
tantam [illegible]
et occidit bestiam [illegible] in [illegible]
quia in [illegible] omnis [illegible]
aussus fuit ¶ [illegible] bestiam [illegible] philoso
logus apta [illegible] dicit esse [illegible] adhi
benda est [illegible] quasi [illegible] fera
bestia [illegible] et [illegible]
mia [illegible] que [illegible]
tis arbores dicit [illegible]
quedam [illegible] bonis [illegible]
in li° 8° circa fine [illegible]
q est magnus [illegible] thaurus et est
[illegible] et habet [illegible] ad duas
partes spatularum sicut in [illegible]
Et eius pelli sunt magis [illegible] pelli e
qui et [illegible] et [illegible]
usque ad oculos / Et est [illegible]
ad rubeum colorem vel [illegible] duo
[illegible] boni thauri / et habet [illegible]
[illegible] Et in duo [illegible]
[illegible] capit [illegible] mensure [illegible]
Et non habet dentes superiores sicut nec thaur
Nec [illegible] eius sunt multorum pillorum [illegible]
[illegible] lane / et [illegible] habet
in pedibus duos [illegible] Et cauda eius
est brevis [illegible] et [illegible]
et erigit in [illegible] sicut thaurus [illegible] habet
duram [illegible] multos [illegible] et [illegible]
[illegible] habet [illegible] propter hoc [illegible]
et [illegible] / et quando [illegible] fugit [illegible]
[illegible] pugnas [illegible]
et [illegible] odorem illum [illegible] bestiam
fugiendo [illegible] / Idem dicit [illegible]
[illegible] li° p° et quando approxim
quat [illegible] adunabuntur [illegible]
et plus [illegible] sicut et
[illegible] sicut [illegible] / Et est [illegible]
[illegible] / ut dicit [illegible]

De basilisco sive regulo

Basiliscus [illegible] de [illegible]
[illegible] dicit [illegible]
[illegible]

[illegible] ipsi [illegible] suo [illegible]
[illegible] aspectu [illegible]
[illegible] aspectu nulla [illegible]
[illegible]
[illegible] mustella [illegible]
[illegible] ad cavernas [illegible]
[illegible] Nihil enim sunt [illegible]
[illegible] bestia [illegible]
basiliscus fugit [illegible]
¶ Est autem in longitudine [illegible]
[illegible] ¶ [illegible]
[illegible]
ad aquam [illegible]
[illegible]
[illegible] et [illegible]
[illegible]
[illegible]
[illegible] li° 12° [illegible] li° p°
[illegible] aspectu [illegible]
[illegible] qui a multis [illegible]
[illegible] quod in [illegible]
[illegible]
[illegible] caput [illegible]
[illegible] aspectu [illegible]
[illegible]
[illegible]
[illegible] ¶ [illegible] basiliscus [illegible]
[illegible]
[illegible] in longitudine et [illegible]
[illegible] in capite macula
[illegible] sibillo
fugit [illegible]
[illegible] et [illegible]
[illegible] ¶ [illegible]
et habens [illegible]
[illegible] sibillo et flatu [illegible]
[illegible] et [illegible]
[illegible] et [illegible]
[illegible] hasta longissima [illegible]
et [illegible] mustella [illegible]
[illegible] natura [illegible]
[illegible] basiliscum [illegible]
est [illegible] ¶ [illegible] basilisci
et hoc [illegible] multa [illegible]
[illegible]

[illegible] primus nominatur, ut dicitur [illegible]
[illegible] dicitur. Primo igitur in stella non
[illegible] amara convertit et fit venenum
[illegible] omnia contrarium intrepide aggre-
[illegible]. Et quamvis basiliscus venenum
[illegible] sit venenosus quamdiu vivit, in
[illegible] tamen combustus venenum malitiam
[illegible] cinis operibus alchimie
[illegible] et maxime in transmutationibus naturarum.

De bu[fone]

B[ufo] [illegible] rubeta dicitur, genus est
[illegible] hitans in terra
[illegible] ut dicit Plinius libro [illegible]
[illegible] fuerint vetustate et ster-
pellione [illegible] assiduo pastu [illegible]
[illegible] herbas [illegible] repugnantes pu-
gnant contra araneas et spalangiones et
[illegible] plantaginis [illegible] veneni tradit
esse frigidissimum, et ideo omne membrum
quod tangit reddit insensibile et stu-
pidum, acsi sit congellatum. Et quia est in
[illegible] et ideo sic ad [illegible] ad omnem
tactum ut quanto plus tangit tanto tangens fit
amplius et [illegible]. Et quot morsus [illegible]
[illegible] respicit tot [illegible] eius venenum
[illegible] Oculos habet [illegible] igneos
et [illegible] et est tanto [illegible]
aspectus [illegible]. Et quamvis [illegible]
[illegible] oculos, odit tamen solis aspectum et
[illegible] tenebras et fugit ad cavernas [illegible]
[illegible] et [illegible] radiis [illegible]
herbas [illegible] et [illegible]
dit [illegible] et corrumpit, et
ideo in [illegible] que bufonibus et aliis
venenosis est [illegible] plantam [illegible]
[illegible] ut [illegible] et alias
herbas et radices que ibi sunt commendant.
Loca fetida [illegible] et [illegible] bufo diligit.
Loca autem odorifera multum odit, sicut dicitur
quod vineis [illegible] florere fugiunt, quia
ipsarum odorem non possunt sustinere.
De bufone autem dicit Plinius libro [illegible]

sunt etiam multum venenose, que dicuntur ru-
bete, que vivunt in vepribus et rubis, que
sunt grandiores. Ita sunt pretio-
siores ceteris. Et sunt aliae [illegible]
aliae [illegible] palude [illegible]. Istas
dicit rubetas dicit hic duplex iecur habere:
est summe venenum [illegible] venenosum, et aliud
est [illegible] et datur pro antidoto contra
[illegible] venenum. Oportet autem ipsa sic experiri,
quod proiciatur [illegible] in nido formicarum:
partem venenosam formice fugiunt, aliam
[illegible], et illam oportet [illegible] et
[illegible] reservare. Circa de hys etiam tra-
dunt auctores, et dicit Plinius, [illegible]
[illegible] in eius latere dextro esse ossiculum
quod proiectum in aquam ferventem facit
eam subito refrigerari. Nec postea pot-
est [illegible] obstinatur.
Et illo ossiculo utuntur magi ad amorem
et odium concitandum, dicit etiam [illegible] quar-
tanas [illegible] sanari. Quantumcumque autem
vermis iste sit venenosus, [illegible] tamen
et combustione [illegible] vim veneni et re-
cipit maximam virtutem medicine; va-
let enim [illegible] ad [illegible] et cutes
aliquo [illegible]
[illegible] et curat, si debito modo
[illegible] quis utatur. Circa [illegible] de rana
in libro [illegible].

De bombice

Bombex est vermis quidam nascens
in frondibus fraxini, cupressi et ter-
ebinti, ut dicit Plinius libro xi° capitulo xx°.
Ysidorus autem dicit sic: Bombix est
frondium vermis, ex cuius textura bom-
bicinum conficitur. Appellatur autem hic vermis
ab eo quod evacuatur dum fila generat, et in
eo remanet solus aer. Ut dicit Solinus
[illegible] autem recipit hic vermis [illegible]
[illegible] post nascitur sicut vermis [illegible]
que [illegible] folia [illegible] et pampinos
[illegible] hic vermis [illegible] fuerit

ledulares cellas aranea ex[illegible] texit. Et post sibi rectarum sive domum in qua habitet construit et [illegible] horrores [illegible] defendat [illegible] alia sua facit de pedibus suorum ministerio quibus subtilius [illegible] filum et pertinax [illegible] ordinat et componit

De camello

Camellus ut dicit [illegible] a quo nomen [illegible] quia cum oneratur se inclinat et accubantes [illegible] accubant. Greci [illegible] ut dicit [illegible] vel dicitur a camur quod [illegible] sonat. quia [illegible] super anteriores [illegible] incurvat. Camelli utique arabia [illegible] et mansueta ad portanda [illegible] pondera deputata. Et inveniuntur in pluribus regionibus, sed potissime in arabia. Et [illegible] camelli arabici a camellis aliarum regionum. Nam arabici duos [illegible] in dorso [illegible] aliarum regionum camelli [illegible] dorso habent [illegible] ut dicit ysy. in [illegible] plinius [illegible] li. 8. ca. 17. dicit sic. Camellos inter armenta pascit oriens quorum duo sunt genera bactriane et arabice. Arabici camelli bina habent in dorso tubera [illegible] habent unum [illegible] in dorso in quo pondus [illegible] [illegible] incubant. Camelli [illegible] dentium ut boves carent [illegible] sicut bos et ovis. Ut dicit ysydorus li. 12. ungulam tamen non dividit ut post dicit. Veloces sunt multum ut dicit plinius. Et ideo [illegible] in pluribus [illegible] et [illegible] [illegible] Circa assuetum camelus non [illegible] spatium nec plus consueto [illegible] ad portandum. Odium habent [illegible] sitim etiam per quatriduum tollerat. Et [illegible] turbant aquam [illegible] Vivunt quinquaginta annis. [illegible] etiam centum. Et alii etiam [illegible] castrant camelli [illegible] bello [illegible] fortiores enim

sunt coitu privati [illegible]

De camello autem dicit [illegible] sic [illegible] movet [illegible] pedem dextrum [illegible] et plus [illegible] dorsum [illegible] pedes fissos et in fissura [illegible] pedis [illegible] et illa fissure [illegible] sicut fissure pedum [illegible] et [illegible] subtiliores et [illegible] pedum [illegible] [illegible] eius [illegible] [illegible] in duabus [illegible] et camella [illegible] [illegible] [illegible] et [illegible] pars [illegible] ubi [illegible] Et ut dicit [illegible] li. 8. [illegible] camellus [illegible] solitarius in montibus [illegible] nullus [illegible] pastor. Et [illegible] camellorum est [illegible] valde et dura et [illegible] eum [illegible] camelli [illegible] ad coytum [illegible] et femina [illegible] in utero [illegible] non [illegible] et post partum quiescit [illegible]. Et [illegible] quedam sunt genera camellorum [illegible] et [illegible] aptiores. Et dicit [illegible] camelli sunt velociores [illegible] amplitudinem [illegible]. Et [illegible] [illegible] dromedario. [illegible] [illegible] de camello [illegible] camellus ut dicit [illegible] li. 8. non [illegible] matre cuiusdam camelli [illegible] in quadam [illegible] et [illegible] super [illegible] filius suus [illegible] descendit [illegible] et [illegible] Et [illegible] et ponit [illegible] de [illegible] De camello [illegible] li. [illegible] ca. 37. [illegible] camelli [illegible] sicut homo et sicut [illegible] et quedam alia [illegible] dicit etiam [illegible] camellus in [illegible] Et ideo

concordat cum animalibus ruminantibus [illegible] Et in dispositione dentium [illegible] [illegible] cornibus. Idem dicit Aristoteles libro 13 de animalibus [illegible] animal cuius [illegible] est una spinosa [illegible] dentes ut camellus. Et animal [illegible] et non habens dentes in utraque mandibula sed in una tantum quibus carent cornibus. Secundo vero habet tales dispositiones [illegible] dentibus animalium carentium dentibus [illegible] mandibula superiori. Et fit [illegible] eius sicut animalis [illegible] [illegible] [illegible] et de rebus camelli [illegible] Secundo fuit lingua eius [illegible] pallam. Natura [illegible] sicut patet [illegible] [illegible] et propter hoc ruminat camellus sicut [illegible] forma [illegible] eius dentibus [illegible] stant. Recipit itaque cibum [illegible] primo in ventre prius [illegible] in secundo [illegible] in [illegible] tertio prius digestio [illegible]. Et ista [illegible] diversitas fuit necessaria propter grossitiem nutrimenti [illegible] [illegible] cibum. Item Aristoteles libro 13. Camellus habet fel distinctum super epar sicut et ellephans [illegible] [illegible] [illegible] et sanguinem habet [illegible]. Et in talibus animalibus [illegible] fel et si [illegible] in [illegible] [illegible] [illegible] [illegible]. Et ideo dixerunt antiqui sicut Anaxagoras et [illegible] quod camelli propter [illegible] [illegible] felle sunt [illegible] longevi quia diutius vivunt. Et alia vero [illegible] [illegible] magis vivunt [illegible] [illegible]. Et ideo [illegible] Anaxagoras quod fel est causa [illegible] [illegible] [illegible] [illegible] ad pulmonem et ad alias partes corporis [illegible] [illegible]. Sed dicit Aristoteles hoc esse falsum quia multa animalia in quibus non reperitur fel [illegible] et [illegible] [illegible] passione, ut patet in camellis quibus accidit [illegible] rabies et podagra [illegible] [illegible] [illegible] et [illegible]

[illegible] ista [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit idem Aristoteles [illegible].

Camellus dicit Constantinus in dietis universalibus [illegible] camellus. Camellus est animal calidissimum [illegible] et ideo [illegible] est [illegible] [illegible]. Calor vero totum [illegible] sanguinis [illegible] et ideo manet [illegible] multa grassities. Et ideo camelinum lac [illegible] est [illegible] aliorum animalium et minus [illegible] [illegible] et prius [illegible]. Magis est autem [illegible] diureticum [illegible] et diureticum. Lac vero nihil aliud est quam sanguis [illegible]. Et ideo sapor lactis camelini salsus est et acrior. Urina [illegible] [illegible] est [illegible] et [illegible] [illegible] lac est [illegible]. Et vero grossum [illegible] et multum [illegible]. Alias proprietates [illegible] infra de dromedario.

## De camaleon

Camaleon hinc camaleontis est bestiola [illegible] [illegible] varietate colorum [illegible] cuius corpusculum ad varios colores quos videt facillima conversione variatur, nec invenitur aliquod aliud animal cuius corpusculum ita recipiat colorum [illegible] [illegible], ut [illegible] dicit Ysidorus.

[illegible] autem [illegible] camaleon [illegible] est quod [illegible] quod lucet ut stella, et [illegible] colores quia est animal timidum, et pauci sanguinis. Et ideo colorem mutat. Et est quadrupes [illegible] [illegible] [illegible] et ungues acutos [illegible] et corpus asperum [illegible] [illegible] et admodum [illegible]. Aristoteles autem dicit libro 2. Camaleon inquit est animal in corpore [illegible] lacerto, cuius latera sunt oblonga [illegible] ad inferius [illegible] sicut latera piscis. Et facies eius est [illegible] animalis [illegible] [illegible] et simia, et habet caudam longam valde et eius extremitas est gracilis et [illegible] [illegible] [illegible]

[illegible] camaleon

Et quilibet pedum dividitur in duo et comparatio unius ad alterum est sicut pollicis hominis ad residuum manus et quilibet illarum partium dividitur in digitos et habet ungulas sicut ungues avium [illegible]. Totum corpus eius est asperum sicut corpus [illegible] et oculi eius profundati et sunt magni rotundi et continuum [illegible] corporis eius [illegible] non recipit ab ipso et gyrat oculos suos frequenter circumquaque et alterat colorem eius et habet colorem declinantem ad nigredinem et sunt in eo macule nigre. Et hoc [illegible] est in toto corpore eius et maxime in oculis et in cauda et eius motus est gravis [illegible] et eius turpis coloris. Et [illegible] corpore eius modicum [illegible] habet nisi in capite et radice caude ubi habet parum sanguinis. [illegible] in [illegible] et in [illegible] ab eo et in circuitu oculorum [illegible] sit parum. Et eius [illegible] est propter oculos. Et si quis diu steterit [illegible] permanet operationibus suis per suum spiritum et permanet modicus motus circa corpus. Et [illegible] habet splenem et manet [illegible] sicut lacerta [illegible]. Plinius libro 28 capitulo 8 sic dicit: Cameleon est animal [illegible] figura et [illegible] amplitudine [illegible] nullum animal [illegible] pavidius [illegible] et ideo mutat colorem eius. Vis eius maxima est contra accipitrum genus, detrahit enim ad se accipitres volantes et prebet ceteris animalibus [illegible]. Caput eius et guttur si cum quercinis lignis accendatur imbres facere et tonitrua [illegible]. Hoc dicit Plinius [illegible] modo [illegible]. [illegible] dicit [illegible] et [illegible] Camaleon [illegible] sicut talpa [illegible] et sola.

mandra [illegible] Quatuor [illegible] talpa [illegible] [illegible] sit [illegible]

De camello pardo

Camelopardus vel camelopardalis est animal ethiopianum ut dicit [illegible] libro 7. Et Plinius libro 8 capitulo [illegible] habet [illegible] camelli et collum equi [illegible] pedes bubali et maculas pardi [illegible] eius bestia albis maculis [illegible] distinguentibus [illegible] camelli et [illegible] camelopardus est [illegible] Plinius [illegible] est [illegible] bestia magis aspectu quam feritate conspicua in tantum etiam quod omnis fere nomina accipit ut dicit [illegible] hoc animal fuit [illegible] quo ad ossium [illegible] non quo ad [illegible] ungulam scindebat ut bubalus et ruminabat ut camellus et ideo [illegible] ut patet [illegible].

De cammitia

Cammitia est silvestris capra vel capra a carpendo sic dicta. Unde Isidorus libro 12: capreas et capreolas a carpendo [illegible] quidam dicunt [illegible] quod [illegible] aspera [illegible] dicit [illegible] capre silvestres quas Greci pro eo quod acutissime videant dorcas appellaverunt. Morantur enim in excelsis montibus et quamvis de longinquo videant venientes venatores [illegible] quod ad instar avium ardua loca petant [illegible] obtutibus petant ut dicit Isidorus libro 12. Et [illegible] hec utique animalia in petris abruptis commorantur et si aliquando [illegible] vel [illegible] corpora [illegible]

de camello pardo

de cammitia

[illegible]

De cap[illegible]

[illegible]

De capra

C[illegible] [illegible] capra [illegible]

[illegible] capreo[illegible] [illegible] capre [illegible] fit in [illegible] Capre [illegible] et antra [illegible] in [illegible] in [illegible] in [illegible] sunt [illegible] in [illegible] iudicia [illegible] est auctor [illegible] capreis [illegible] ut tradit [illegible] nocte [illegible] quam [illegible] spirant [illegible] dicunt [illegible] quandam [illegible] maior [illegible] et [illegible]

T[illegible] ad [illegible] ut [illegible] sed post [illegible] ab [illegible] in [illegible] De capris [illegible] in [illegible] impugnatione [illegible] impugnatio [illegible] arripit [illegible] mamilla et [illegible] filios [illegible] prius quam [illegible] pugnatur [illegible] capre [illegible] annos et [illegible] ad senectutem [illegible] cibum [illegible]

[illegible] ...

marc[illegible] et [illegible]

et [illegible]

plagam [illegible]

¶ [illegible]

[illegible]

ad radi[illegible]

ne sto in[illegible]

herbarum [illegible]

post potum aque [illegible]

pur post [illegible]

et qui comedit [illegible]

tum flumen [illegible]

in capris sicut [illegible]

in tantum quod [illegible]

nisi ab aliquo adducant. [illegible]

aliquam capram et [illegible]

gunt et alit et [illegible]

usus autem caprarum sicut [illegible]

est medium. nam lacte et [illegible]

[illegible] pelle et pelles [illegible]

lotio id est urina [illegible]

utique est in corpore capre quod non sit [illegible]

vel ad bonum vel ad nostrum [illegible]

medium medici. Nam ut dicit [illegible]

[illegible] cornu capre [illegible]

[illegible] effugant et [illegible]

ta [illegible] superant [illegible]

[illegible] superflue et [illegible]

rant restringuntur [illegible]

et vulnera putrida et [illegible]

[illegible] et fistulata [illegible]

[illegible] abdunt [illegible]

Sanguis capre cum medulla [illegible]

na [illegible] et morsus [illegible]

scorpionum curant [illegible]

[illegible] morsum venenosum [illegible]

dolorumque angustia [illegible]

[illegible] oculorum [illegible]

visus [illegible] et oculus [illegible]

[illegible]

[illegible] sepius assumatur [illegible]

[illegible] opitulatur [illegible]

¶ [illegible] capre [illegible]

[illegible]

[illegible] capram [illegible]

stillata [illegible]

alias [illegible]

De cane

C[illegible]

[illegible]

¶ [illegible]

¶ [illegible]

[illegible] et [illegible] ulatores [illegible] mo [illegible]
[illegible] quidam albi obtulisset
[illegible] fuit magna albimi [illegible] et
[illegible] provecto ut corpus
[illegible] in flumine [illegible]
[illegible] sortaretur [illegible] ultima
[illegible] ad memoriam reducit. Et a
[illegible] ad corpus dominica sola per [illegible]
[illegible] reddere consueverunt.
[illegible] sentencia [illegible]
[illegible] sagitta [illegible]
[illegible] etiam per [illegible]
[illegible] et corpus [illegible]
[illegible] lectulo [illegible]
abdita [illegible] et [illegible]
[illegible] ut [illegible]
[illegible] est [illegible]
[illegible] qui [illegible]
[illegible] albani fuit transmissus. [illegible]
[illegible] patria [illegible]
[illegible] elephanti [illegible] bestia
[illegible] totius corporis [illegible]
[illegible] artificiali [illegible] elephanti [illegible]
[illegible] facta [illegible]

Post [illegible] etatis gignunt et octogenus [illegible]
[illegible] catulos pa[illegible]
[illegible] quanto [illegible]
tanto tardius [illegible] arripuit. Post [illegible]
[illegible] ante [illegible]
[illegible] nono die videt. [illegible]
[illegible] quanto plures pariunt tanto tardius
[illegible] ad videndum [illegible]
[illegible] catulo [illegible] additamentum [illegible]
ad [illegible] ut [illegible] retardens.
[illegible] novissime [illegible]
[illegible] mat [illegible]
[illegible] plinius libro 8° [illegible] libro [illegible]
[illegible]
[illegible] sunt [illegible]
[illegible] albiores [illegible]
hoc cognoscunt [illegible] a [illegible]

[illegible] sunt [illegible] sunt nigri et obtusi
[illegible] Item in [illegible] libro 5° Canes
masculi [illegible] ad generationem
[illegible] alii
[illegible] dicit [illegible] libro [illegible] femina quam [illegible]
[illegible] deberet fieri
[illegible] non accedit ad
eam masculus nisi [illegible] post
partum et [illegible]
[illegible] pariens [illegible] et filii
[illegible] diebus [illegible] Et [illegible]
[illegible] et filii
[illegible] diebus [illegible] parit
[illegible] tanto cicius
[illegible] modo
Et masculi [illegible] ad coytum [illegible]
[illegible] ad [illegible] quod
fit post [illegible] mense [illegible]
[illegible] accidit canibus [illegible] quod
[illegible] post [illegible]
[illegible] in labore [illegible] sunt in [illegible]
Et post vivunt masculi x annis et [illegible]
vivunt [illegible] masculi [illegible] propter
laborem masculorum et hoc non est [illegible]
[illegible] vivunt mares [illegible] ut
[illegible] Alii ut canes ut custodes
domorum et omnium [illegible] diuturnius [illegible]
annis et alii [illegible] ut dicit Homerus. Item
libro 5° canes qui infirmantur comedunt
radices [illegible] ut vomant et [illegible]
sibi [illegible] Item dicit plinius libro 28° vomi-
tiones [illegible] medicinas et purgationes
[illegible] canis qui repletus cibo nocivo
[illegible] et per vomitum liberatus fuit

De caniscula

Caniscula dicitur [illegible] mater canis cuius
matrix est oblonga per longitudinem
[illegible] per longitudinem
[illegible] ordinata que
[illegible] Que
pariunt plures filios [illegible] quos
[illegible] et [illegible] ad la-
[illegible] catulo filii

exurante eos inde dures lini cum levior extrema consumitur et primo nichilo et tumorem sporat quod tenere dilig et rostro et maxilla recta porrigat et dedit quod tempus vocatus et partus vidit Arestotiles libro .v. quod vidit . quedam monstruosa immunditiam vivit et tur informat et apostomat cuius mater que nec apparet nisi si fugit sed post purgationem nullus nunquam salubriusque parte post partu et multorum hominum flatum et grossum vivit et tunc corpus catuli tur manifestet ut dicit idem . Item invenitur lac in canicula ante partum per plures dies partus in levioribus per in aliis . Et primo est lac spissum et post subtiliatur et post partum est primum . Ebiunt minus catuli quam canes sed canes dominantur masculi per laborem minimum et discursum minimum . Et in ab . . . nantur et corporaliter . . . non erigit sicut masculus sed . . . inclinat . Canicula igitur . . . minor et gracilior . . . debilior circa fetus educationem . . . nisi quam nutrit fetus . Est . . . masculo habilior . . . in membrorum flexibilitate . . . debilitatem minorum in . . . minus durat . Canum igitur et caniculorum nobilitas attenditur in facie et rostri . . . sua longitudine in amplitudine . . . et aliorum simul . . . fortitudine . Nam canis nobilis circa . . . dentium restringitur sed circa . . . pectoris dilatatur . Aures etiam . . . longiores et flexibiliores . tibias . . . graciliores et etiam altiores . Et hoc . . . ut esset ad . . . liores . Caudam etiam . . . et . . . minus etiam . . . de carne . . . etiam pillos breviores et . . . etiam . . . mores . Nam si essent multum pilosi et

pilosi in cursu minus . . . minus . . . currerent et si cauda . . . quia . . . impediret . . . hinnis . . . non . . . sed potius . . . adhuc canes nobiles . . . silvestres insequendas . . . et sicut . Circa . . . mirabiles sunt mansi . . . hominis . . . et convertitur . Canis . . . cervum vel leporem . . . quod rapuit sed . . . suo distinguitur . . . tione ut puta ossibus . . . sunt . . . habuerint . . . dominum . . .

Item de canibus

D[illegible] et alii canum . . . debilitas . Nam canes . . . immoderatum . . . rabidi efficiuntur . Nam . . . sicut . . . dicit Aristotiles libro 8 . Et omnia . . . morsa a cane rabiosa . . . preter hominem . . . medicina . . . Canis rabidus . . . cura . . . et . . . facta vel . . . rabidum . . . in facie . . . maxime in . . . alii canes fugiunt . . . est . . . cauda et . . . ore aperto et lingua . . . et spumosa . . . oculos . . . aures . . . et cauda . . .

[illegible] cuius oculos h[illegible]
[illegible]dit ad omne ob[illegible]
[illegible] [illegible] [illegible]
[illegible]bram suam latrat
[illegible] [illegible] et latrat
[illegible] [illegible] [illegible]
[illegible] cuius [illegible]
[illegible] qui ab eo morditur
[illegible] et in sompno
[illegible] sunt timorosi et [illegible]
[illegible] stupide sunt [illegible]
[illegible] [illegible] pacientes
[illegible] [illegible] abor
[illegible] [illegible] aqua et latrat
[illegible] aqua [illegible]
[illegible] [illegible] medicum
[illegible] [illegible]
[illegible] in li. de morbis et
[illegible] plinius li. 29.
[illegible] latere [illegible] qui
[illegible] qui [illegible] canes [illegible]
[illegible] [illegible] morsus [illegible]
[illegible] est violenta [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] urina sua [illegible] sup
[illegible] [illegible] statim [illegible]
[illegible] et lumbor[um] / Item canis
[illegible] et maliciosus / et ideo ut [illegible]
[illegible] [illegible] se mord[illegible]
[illegible] morsu [illegible]
[illegible] [illegible] fugit et non
[illegible] [illegible] ledit [illegible]
[illegible] est et dolorosus [illegible]
[illegible] blandiendo cum cauda [illegible]
[illegible] [illegible] [illegible]
[illegible] mordet / Item odit baculos
[illegible] [illegible] / Item [illegible]
[illegible] et [illegible]
[illegible] [illegible] / Item [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]

post [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] / Item canis
est [illegible] / Et ideo dicit [illegible] quod occul
te herbas colligit quibus [illegible] se purgat
[illegible] et dolens se herbe efficatia quibus
[illegible] dolet etiam [illegible] canis / Si quis
alius canis ignotus hospitium domini domi
sui [illegible] ne [illegible] eius presentiam
sibi [illegible] / Et ideo contra eum pugnat
Item cupidus est et parcus / et ad reponendum
superflua studiosus / Et ideo ossa carnosa / et
[illegible] que devorare non potest aliis ca
nibus non [illegible] sed cum diligentia repo
nit in absondito et occultat / que cum
[illegible] solet [illegible] / Item immundus est et
libidinosus [illegible] dicit [illegible] li. 6. Canes
tam femine quam mares coitu utuntur quamdiu
[illegible] ita etiam immoditate libidinis repo
[illegible] et [illegible] quo ad coitum
non [illegible] / Et ideo [illegible] mosayca
[illegible] [illegible] / oblatio de precio
canis et [illegible] / et de precio meretricule
prostitute / Nam tales misere persone dum
libidini [illegible] canino
more / Item antiquus canis pigre solet
[illegible] dicit [illegible] li. 7. quod canibus in senio ac
cidit podagra / et pauci ex eis evadunt
qui podagram [illegible] / et ideo tota die
dormiunt super [illegible] [illegible]
et [illegible] / et maxime [illegible] a muscis
infestantur circa oculos [illegible] et circa
aures in quibus est potissime ulcerosus
Et quia aliquando [illegible] [illegible] eius
[illegible] [illegible] non [illegible] [illegible] / ut
[illegible] [illegible] aut expellat / [illegible] ali
quotiens [illegible] circa faciem eius volitat
post eas captando cum ore / et [illegible]
dentibus eas fugat / Tandem canis [illegible]
[illegible] [illegible] [illegible] collo eius alligato
[illegible] [illegible] / et in flu
vio submergitur / Et sic terminatur eius
misera vita ac finis / nec eius pelles de
trahuntur [illegible] [illegible] sepulture

comittit et nutrit et ?vnibus fundit
de cat[ulo] inquit

?de catulo

Catulli sunt canum filii diminutive
sic dicti sicut et catelli. Nam ab odfa-
tu vocantur filii aliarum bestiarum ut dicit
ysy[dorus] li[bro] 12[°] [scilicet] hii catuli nascuntur quali [?vero]
et quo ad visum [?autem] imperfecti. Nam
catulli canum nascuntur ceci, [?dentibus] sperans se-
nis valet parum. Omnes autem animalibus
dictis per modum supra dictum est gulosi
sunt et bibulosi ut canis leo panthe-
ra et huiusmodi. Et omnia talia animalia gene-
rantia fetus imperfectos ut patet supra [?eodem]
li[bro] de animalibus in generali. Et in omnibus
parientibus filios imperfectos causa est gu-
lositas, quia non supportaret natura ipsorum ut com-
plementum fetus matrum suggendo intra
fierent. Et ideo oportet ut fetima ?talib[us]
sit natura. De hoc quere sup[ra] li[bro] eodem. Nam
sic dicit Solin[us]. Catulli autem canum qui [?adhuc]
lactentes erant in summo honore fuit ut dicit
Plinius li[bro] 29[°]. Catullos inquit lactantes adeo
puros extimaverunt antiqui. Ad cibum
etiam ubi eos placandis muneribus
offerunt loco hostiarum, quorum sanguine
nihil contra toxica utilius putabant et
adhuc in parti iubent auctores contra
morsus venenosos vulneribus salubriter
adhiberi. Nam catuli aperti et fetibus
superatum appositi ventrem statim dolori
mittigant, et adhibitis venenorum mem-
brorum sanat et totum reddit ut dicitur idem.
Et hii catulli qui nascuntur cetus tanto usque
videndi recipiunt ut sup[ra] dicit de [?eodem]. Et [?verum]
quanto uberiori lacte nutriuntur tanto tardius
in videndo proficiunt. Matrem adhuc cecidi-
ligunt, vocem et odore eam recognoscunt
et mamas eius requirunt. Et si mater
cum aliquo [?cetero] [illegible] pa-
pillam [illegible] et lac [?uberius] [illegible]
[illegible] [?matrem] [illegible]
[illegible] et [illegible]

materia [illegible] et [illegible]
[illegible] prout latrat [illegible]
catulus [illegible] et [illegible]
et a [illegible] diligent [illegible]
[illegible] industria [illegible]
eos contingat [illegible]
[illegible]
et [illegible] et ad [illegible]
[illegible] quia [illegible] sunt [illegible] et [?pro]-
portionali qualitate et dispositione [illegible]
membrorum sunt agiles. [illegible] plu-
rimi ac [illegible] et [illegible]
[illegible] non sunt [illegible] sunt
[illegible] ad [illegible] ad
[illegible] quia [illegible] et [illegible]
[illegible] custodiendum [illegible]
Qui vero ad custodiam domus sunt depu-
tandi [illegible] loco [illegible] de die [illegible]
[illegible]. Et [illegible] de nocte [illegible] a furibus [illegible]
magis [illegible]. Nam talium est officium de die
quiescere et dormire de nocte vero vigilare
et contra furum insidias [illegible]
[illegible] est [illegible] canis qui de die [illegible]
[illegible] latrat et [illegible] de nocte vero [illegible]
[illegible] latitat et obmutescit [illegible] est
etiam canis [illegible] sunt [illegible]
qui et die custodit oves a lupis dum
sunt in pascuis [illegible] de nocte [illegible]
[illegible] dum sunt in [illegible].

de castore

Castor est bestia mirabilis que in
quadrupedibus ducitur et quadru-
in terris sub aquis autem natat et moratur
cum natalibus sicut pisces [illegible] castor a
castrando sic vocatus ut dicit ysy[dorus] li[bro] 12[°].
Nam eorum testiculi medicinis sunt apti propter
[illegible] cum [illegible] venatorem se sentit
ipsos castrant et morsibus suis [illegible]
amputant et [illegible]
[illegible] Cicero dicit [illegible]
[illegible] per quod [illegible] reperiuntur.
Et Iuvenalis qui se eunuchum facit cu-
piens evadere testiculi. Dicuntur autem castores
fibri qui et pontici canes dicit [illegible] ysy[dorus].

¶ [illegible] ut loquitur Plinius libro x° ca°
[illegible] posito inquit dicitur unum genus anima-
[illegible] terrena [illegible] aquaticam
[illegible] in fovvis aquarum fluminis
[illegible] et cavernas sibi edificant
[illegible] preparatas. Nam hoc animal
[illegible] suam [illegible] diligit
[illegible] fibri [illegible] ho[illegible]
[illegible] et [illegible] silua ad sua [illegible]
[illegible] miro modo et [illegible]
Nam [illegible] hiruto [illegible] elevat
[illegible] inter [illegible]
[illegible] ligna [illegible] et [illegible]
[illegible] ad suas ma-
[illegible] ipsum reconciat et
multa [illegible] rumpit [illegible]
fortia sibi [illegible] ¶ Sunt autem eorum
domicilia [illegible] vel [illegible]
que [illegible] tabulata [illegible] solaria sunt
distincta [illegible] sua [illegible]
inhabitat [illegible] in [illegible]
[illegible] et quod in
[illegible] in solario [illegible] industria [illegible]
[illegible] caudam suam que piscis est natura
submittit aquis [illegible] per-
[illegible] cauda [illegible] corruptionem [illegible]
[illegible]. [illegible] est mirabile et monstru-
osum [illegible] cauda est tantum piscis [illegible]
[illegible] corporis [illegible] quadru-
pedis animalis. Est autem in magnitudine
admodum parvi canis. Habet pedes [illegible]
[illegible] posteriores [illegible] quibus
principaliter ambulat. A parte vero anteriori
duos pedes habet [illegible] quibus
principaliter in aquis natat. Pellem habet
valde [illegible] pro qua venatur. Dentes
acutos habet et [illegible] admodum canis.
Non est velocis motus [illegible] valde
[illegible]. Habet autem castor testes duobus
magnitudine proportionatum suum parvo
corpore non [illegible]. Et hos castorea

nominant. Et de hiis dicit Plinius libro 33°
ca° [illegible]. Castoris inquit sibi amputat
testes quos [illegible] et [illegible]
[illegible] a venatoribus negat
[illegible] diligentissimi [illegible] dicit
[illegible] sic [illegible] adhe-
rentes ut adimi non possint [illegible] a-
nimalis. Item dicit [illegible] et etiam
[illegible] non est tanti [illegible] ut [illegible]
[illegible] et hoc [illegible]
[illegible] in [illegible] locis [illegible]
[illegible] ologus [illegible]
castorium [illegible] usualiter fibri [illegible] qui-
busdam aliis animalibus que castoribus assimilan-
tur [illegible] intelligendum.
¶ Valet autem castoreum [illegible] et non sophisticatum
[illegible] corporis passionibus ut
dicit Plinius [illegible] maxime si fuit castoris
[illegible] nimis [illegible]
[illegible] castorea duplicata [illegible]
[illegible] et uno [illegible] popu-
lata [illegible] post [illegible] adulterari
[illegible] accipiunt vesicam animalis et
[illegible] castoreo addito modico
[illegible] propter odorem et modico piperis
propter saporem acutiorem. Et colligant collum
[illegible] ut videatur esse [illegible] ab uno
[illegible] duas [illegible] impossibile est.
[illegible] et illud castoreum est melius quod du-
[illegible] ab uno nervo. Est igitur
intelligendum quod [illegible] in sapore
est acutum quia si minus est acutum quasi
[illegible] sophisticum est maxime si non
habet nervos [illegible] ut dicit Plinius
et [illegible] laudabile est quod [illegible]
[illegible] glutinosum non habens
[illegible] sale [illegible]
[illegible] sophisticat ut dicit Plinius
[illegible] autem est [illegible] tanto
[illegible] in medicina. Et
est signum quod non est adulteratum

xhs

qui duo [illegible] sunt quaedam pilulae ad
solemus [illegible]
[illegible] [illegible]
pot in multa [illegible] dicitur debet
poni in [illegible] sive [illegible] pillulas
et modo [illegible] et [illegible]
[illegible] [illegible]
[illegible] [illegible] valet contra
multa mala [illegible]
et suburnit [illegible]
[illegible] paralisim [illegible] et loquelam
reddit subito [illegible] lingua
[illegible] contra [illegible] pa
ralisim valet si [illegible] in aqua vel vino
et salvia in potu saepius [illegible]
cerebrum [illegible] movet et [illegible]
tationes provocat [illegible]
[illegible] [illegible]
si cum oleo rosaceo [illegible]
gatur [illegible] contra [illegible]
pionis [illegible] et [illegible]
[illegible] ut dicit plinius li. 20. [illegible]
etiam urina valet ad [illegible] ut [illegible]
et provocat [illegible]
et multa alia [illegible] cuius pinguedo [illegible]
est

De cervo

Cervus a ceraton grece i. cornu dicitur
latine ut dicit ysy. li. 12. [illegible]
[illegible] [illegible] spiritu sunt [illegible]
cum [illegible] [illegible]
[illegible] [illegible]
nis et [illegible] [illegible]
bulo reparant [illegible] herbam [illegible]
[illegible] Nam [illegible]
sagittas [illegible]
[illegible] fistularum [illegible] et armonia
[illegible] et [illegible] auditur
submissis autem nihil [illegible]
etiam maria transeunt [illegible]
natando [illegible]
in [illegible] capita [illegible]
[illegible] [illegible]

[illegible] ysy. [illegible] dicit plinius
li. 8. c. 32. ubi addit et [illegible]
[illegible] est [illegible]
[illegible] ad [illegible]
et [illegible] pastura [illegible]
[illegible] ab hominibus [illegible]
[illegible] et [illegible]
[illegible] et [illegible]
[illegible] etiam [illegible]
[illegible] et a [illegible] conceptus [illegible]
[illegible] separant et [illegible]
[illegible] rabie libidinis [illegible]
et [illegible] [illegible]
non [illegible]
abluant [illegible]
[illegible] et [illegible] herbis [illegible]
[illegible] in utero [illegible] et [illegible]
[illegible] post [illegible] duabus
herbis [illegible] et [illegible] redeunt
ad [illegible] et [illegible]
[illegible] lactis [illegible] [illegible]
[illegible] ad cursum [illegible] separant
ad fugam [illegible] ad praerupta [illegible]
[illegible] et saltandi modum [illegible]
et [illegible] et [illegible]
libidinis pabula [illegible] et [illegible]
[illegible] [illegible] se [illegible] late
bras [illegible] pondus [illegible]
[illegible] et [illegible] fugiens cursum non
continuat [illegible] respicit et [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] et fugiunt [illegible]
[illegible] [illegible]
[illegible] ut [illegible]
[illegible] [illegible] [illegible] ad
[illegible] et [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] maria [illegible]
[illegible] ordine [illegible] et [illegible]

[illegible] [illegible] visu [illegible] odore [illegible]
[illegible] cervus aial sit [illegible]
[illegible] q[uod] a[n]nis singulis
[illegible] cornua sua et [illegible]
[illegible] d[ie]b[us] querit sibi latibula
[illegible] [illegible] cornibus
[illegible] sibi altera [illegible]
[illegible] cornu d[e]xtru[m] ob [illegible]
[illegible] dolens q[uod] quis [illegible]
[illegible] [illegible] cervorum [illegible]
cornua [illegible] q[uod] a[n]nis singulis sibi ad
[illegible] semp[er] addit[ur] unu[m] [illegible]
[illegible] [illegible] singulis
[illegible] post [illegible]
[illegible] [illegible] dilatat[ur]
[illegible] [illegible] nullos h[abe]t [illegible]
in cornib[us] [illegible] anno aut[em] [illegible]
[illegible] [illegible] castrati [illegible]
[illegible] cornua [illegible] non nascuntur
Et si post [illegible] [illegible]
cornib[us] [illegible] prodire ad pabula non
[illegible] [illegible] [illegible] reponunt et in
[illegible] arborum [illegible] [illegible]
[illegible] [illegible] [illegible] privati
[illegible] ibi [illegible] [illegible] [illegible]
[illegible] [illegible] roborata
prodeunt ad pabula [illegible]
[illegible] [illegible] arbore [illegible]
[illegible] cornua et sic facilius [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] quod
[illegible] est p[er] [illegible] [illegible]
annos post mortem Alexandri ab [illegible]
[illegible] [illegible] et signatos [illegible]
[illegible] [illegible] hoc a[n]i[m]al [illegible]
[illegible] [illegible] [illegible] Plinius
li[bro] 8 ca[pitulo] [illegible] [illegible] [illegible]
[illegible] cervus est a[n]i[m]al [illegible] nisi [illegible]
[illegible] [illegible] [illegible] amara et [illegible]

et in [illegible] [illegible] nisi sint [illegible]
[illegible] ultra modum [illegible]
li[bro] 8. Aliqui aut[em] putant cervos [illegible]
[illegible] in auribus ut dicit [illegible] [illegible]
[illegible] dicit [illegible] quedam [illegible]
[illegible] humiditatem [illegible]
sanguis cervi sicut et leporis nu[m]q[uam] coa-
gulatur [illegible] contra
natura[m] [illegible]. Et nullu[m] a[n]i[m]al
mutat cornua nisi cervus. Cuius cornua
sunt solida et [illegible] ponderosa. Unde ipsa
abicit p[ro]p[ter] pondus. Et h[abe]t cervus quattuor
[illegible] [illegible] et q[uo]r[um]
[illegible] [illegible] duos [illegible]
alios magnos [illegible]. Et masculus
[illegible] et declinat ad [illegible]
[illegible] Experimentator [illegible]
opinatur [illegible] q[uod] int[er] omnia qua-
drupedia [illegible] discretissimus
[illegible] Ubi a[n]i[m]alia p[ro]p[ter] ho-
mines [illegible]. Et fugit [illegible]
[illegible] et querit loca latentia
sicut cavernas lapidum, que no[n] habe[n]t
nisi unu[m] introitum, q[uia] ibi [illegible] post
pugnare cum aliis a[n]i[m]alib[us]. Nam ut
dicit [illegible] cervi pugnant [illegible]
[illegible] pugna forti, et [illegible]
[illegible] forti, et timet maxime [illegible]
vulpes et canis, q[uia] [illegible] latet ne in-
veniat a venatoribus, nec [illegible]
[illegible] et [illegible]. Venatio aut[em]
cervorum sic fit: unus venator sibillat et
cantat et cervus delectat[ur] in cantu et [illegible]
[illegible]. Et [illegible] alius cum [illegible]
[illegible] venabulo et occidit. Et cum agitatur
cervus fugit ad flumen vel stagnum et si
[illegible] aqua[m] [illegible]
[illegible] aqua [illegible] venatores
[illegible] [illegible] et lachrimatur
[illegible]
[illegible]
[illegible]
[illegible]

per multos passus. Item per plures [illegible]
quos saltus suos in longum a terra [illegible]
ipsum [illegible] difficilem [illegible]
Item ut dicit Solinus [illegible] difficilem partum
filios suos quod reponit per [illegible]
[illegible] reponit [illegible] comedit
dragontiam [illegible] libri [illegible]
Et cum peperit subito comedit serpentina
autem in terram cadit. Et dicitur ista
serpentina quod sit venenum ut dicit [illegible] Alias
prosequitur [illegible] Ambrosius libro 8o
quas Plinius [illegible] dicit Plinius
libro 28o Creditur cum [illegible]
lapidum durorum cum [illegible]
Et idem lapis in ipsa [illegible]
extrahentes [illegible] Et hic lapis
miro modo mulieres [illegible]
sunt pregnantes. Idem [illegible]
que in eius [illegible]
Et aliud est quod [illegible]
generis [illegible] modum [illegible]
corporum passiones. Et in omnibus [illegible]
infirmitatibus admiscetur ut dicit Plinius
Dyascorides et Constantinus

De cerasta serpente

Cerastes serpens est cornutus ut dicit [illegible]
libro 12o. Habet enim quedam cornua [illegible]
caput admodum cornuum arietis [illegible]
[illegible]. Totum autem corpus suum occultat sub
arena solis cornibus [illegible]
Cum [illegible] avicule [illegible] cornibus
quod sunt vermes, et dum aves [illegible]
[illegible] et [illegible] nititur [illegible] dolosus serpens
ex improviso et subito rapiunt. Obsidet
autem [illegible] et semitas occultas, et cum [illegible]
quod equus quos invenit per semitas ambu-
lare conspicit occultus [illegible]
et occidit. Glossa autem super [illegible]
Unde dicitur quod cerastes serpens est [illegible] qui
tantum est [illegible]
modo [illegible] et equum
et equitem subito [illegible]
Et ideo [illegible] sicut [illegible]

[illegible] et cerastes [illegible]
[illegible] volubre in [illegible]
[illegible] Alii autem dicunt [illegible]
aspidum [illegible]
[illegible]
[illegible] et cerastes [illegible]

De coclea

Coclea ut dicit [illegible]
[illegible] mollem [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] loco [illegible]
[illegible] caput
[illegible] sunt parata [illegible]
[illegible] et omnia cornua
sunt [illegible] et [illegible] cornua
[illegible] que dura sunt et solida. Et sunt
multe [illegible]
[illegible]
[illegible] absconditur [illegible]
[illegible] dicit in proverbiis [illegible]
[illegible] ut dicit
libro 8o. Item dicit [illegible] Fortior est [illegible]
[illegible] cornua [illegible] Et ideo
dicit [illegible] quod quedam [illegible] cornua
[illegible] ut dicit [illegible]
[illegible] Et dicit [illegible]
et sua [illegible] Tantum autem
est [illegible] quia
[illegible]
ut dicit Constantinus. Et ideo [illegible]
[illegible]
[illegible]
[illegible] Et maxime si
[illegible]
[illegible]
[illegible]
[illegible] Et ideo [illegible]

[illegible] li° 8° ca° [illegible] dentibus quod in alia genera [illegible]
[illegible] mandibulam et [illegible]
[illegible] ut patet in elephantibus
[illegible] omnia quadrupedia habent
[illegible] pro [illegible] et singulas
[illegible] et [illegible]
[illegible] uno plures [illegible]
[illegible]
[illegible] solitas. Et ideo [illegible]
[illegible] et [illegible]
[illegible] ut dicit [illegible]
[illegible] ut est [illegible]
[illegible] quod habet [illegible]
[illegible] in singulis [illegible]
[illegible] modicum [illegible]
[illegible] ¶ [illegible]
[illegible] in [illegible] bove.

De cocodrilo

Cocodrillus a croceo colore est dictus [illegible] ysidorus. animal quadrupes ut dicit ysidorus [illegible] et pisces in terra et in aqua [illegible] longitudine [illegible] et [illegible] unguium immanitate armatum. Tanta est [illegible] duritia cutis ut quicumque [illegible] lapides [illegible] in tergo [illegible] nihil [illegible]. Noctem [illegible] in terra quiescit [illegible] in terra [illegible] maiora [illegible] et [illegible] quod [illegible] quidam pisces [illegible] in [illegible] plus [illegible] sicut dicit ysidorus et [illegible] plinius li° 8° ca° 25° [illegible] Cocodrillus [illegible] terrestria [illegible] sola [illegible] mandibula [illegible] mobilem [illegible] et [illegible] ad [illegible] et [illegible] Nullum [illegible] animal ex tam [illegible]

origine [illegible] in tam magnum animal sicut
cocodillus [illegible] est [illegible]
[illegible] ratas
[illegible] quidam [illegible]
[illegible] ad ytalos
[illegible] in os eius
[illegible] aliquot [illegible] tandem
[illegible] intrare permittit
et [illegible] huius linguam
[illegible] et ei facit quandam pruritum
in [illegible] delectatur qui statim
obdormit [illegible] prefert
dormienti [illegible] in ventre [illegible]
et [illegible] et corrodere [illegible]
[illegible] molis. Et ideo a piscibus
[illegible] pinnulas in dorso [illegible]
[illegible] ¶ Et [illegible] plinius [illegible]
[illegible] et [illegible]
[illegible] contra [illegible]
[illegible] oculos quidam est in aqua [illegible]
[illegible] animus acutus videt [illegible]
[illegible] et abscondit [illegible]
[illegible] semper [illegible] ut dicit
plinius li° 8° ca° 25°. Item dicit phi
[illegible] cocodrillus si quem [illegible]
[illegible] litus [illegible] post
plorat [illegible] post devorat [illegible]
et dicit [illegible] sit [illegible]
[illegible] mulierum [illegible] ut [illegible]
[illegible] et augustinus [illegible] tempus
[illegible] herbas bonas libenter comedit
[illegible] quas enidros [illegible] parvulus
qui [illegible] se involvit
et dum cocodrillus herbas recipit [illegible]
[illegible] transglutit. Qui [illegible]
[illegible] omnia interiora [illegible] et [illegible]
[illegible] et occidit [illegible]
¶ Item dicit ysidorus li° 12°. et dicit
[illegible] cocodrillo qui
[illegible] in luto [illegible]
[illegible] ¶ [illegible] adhuc

[illegible] ... lingueam [illegible] ad [illegible] ... ht paruas in [illegible] ... ad gustum ut dicit [illegible] ... etiam A[illegible].

## De colubro serpente

*colubro s[er]p[en]te*

Coluber dicit[ur] [illegible] ... in lombricis [illegible] ... finnosis. Nam lombrici [illegible] ... dum teru[n]t ut dicit papias. [illegible] ... fugit et bonum [illegible] ... ut dicit ysidorus. [illegible] odit et pelle [illegible] ... arbores [illegible] ... lambit [illegible] et cauda [illegible] ... infundit [illegible] ... fugit et [illegible] ... lingit [illegible] ... plini[us] li. 20. ca. 4. pinguedo colubri [illegible] ... contra [illegible] ... quis [illegible] colubra [illegible] ... [illegible].

## De damula

*damula*

Damula siue dama sicut dic[it] papias capra est agrestis [illegible] ut dicit ysy[dorus] li. [illegible] damula est vocata [illegible] ... fugiat [illegible] timidum enim est a[n]i[m]al [illegible] ... ac imbecille [illegible] ... [illegible] enim [illegible] ... et ad fugam [illegible] ... tialis [illegible] timet [illegible] ... [illegible] imbellos [illegible] ... [illegible] gramina [illegible] et aromatica comedit [illegible] ... carpit [illegible].

[illegible] ... 2 sic [illegible] ... li. [illegible] ... plini[us] li. 28. [illegible] ... [illegible] ...

## De dromedario

*de dromedario*

Dromedarius [illegible] ... [illegible] et quedam [illegible] ... li. 12. [illegible] ... [illegible] ... dromedarios [illegible] ... [illegible] miliaria [illegible] ... [illegible] sicut bos [illegible] ... [illegible] dromedarius [illegible] ... [illegible] ... et dromedarius [illegible] ... [illegible] ... ut dicit [illegible] ... [illegible] ... maximum enim et latissimum [illegible] ... ut dicit [illegible] et plini[us] li. 9. [illegible] ... [illegible] ... enim est [illegible] ... [illegible] ... [illegible] pinguedine [illegible] ...

[illegible] ...

[illegible] facta magna [illegible]
[illegible]
[illegible]
[illegible] ut dicit [illegible] subtilis est [illegible]
[illegible]

De dipsade

N[illegible]

[illegible] ut dicit [illegible]

De dracone

Draco maximus est omnium [illegible] ut dicit [illegible]

[illegible]

[illegible] ut dicit [illegible]

[illegible] draco [illegible]

[illegible] draco [illegible] elephans [illegible] draconem draco [illegible] elephant [illegible] superiorem [illegible] sufficit [illegible] Item [illegible] Elephans videns draconem super [illegible] ut [illegible] Draco autem insilit in elephantem [illegible] mordet [illegible] et [illegible] oculos elephantis et [illegible] insilit super [illegible] et sugit sanguinem et [illegible] post longum conflictum elephantem [illegible] subtractionem sanguinis debilitatus [illegible] cadit super draconem [illegible] Causa autem [illegible] sanguinem est frigiditas [illegible] elephantis quo draco appetit [illegible] ut dicit [illegible] super illum autem locum [illegible] draco [illegible] draco est animal maximum [illegible] aqua [illegible] ut [illegible] navis in mari et [illegible] contra illum ut [illegible] ad [illegible] magnitudinem corporis [illegible] subvertit navem [illegible] appropinquare draconem [illegible] timore aque contra [illegible] Item dicit [illegible] contra [illegible] ab eius

[illegible]

Et hec dicit [illegible] draco [illegible]
cum [illegible]
plinius quod [illegible]
gua et qui [illegible] inflamat
aerem ita [illegible]
etiam emittit [illegible]
sum inde [illegible] et mo-
bus pestilens [illegible] ¶ In mari
quoque habitat et in fluminibus [illegible]
et speluncis latitat [illegible]
lat aves et bestias [illegible]
num habet dorsum [illegible]
marmor ac eminet [illegible]
morsu et ictu pugnat [illegible]
rebus aliis incipiunt [illegible]
raptat ut dicit plinius li. 8 [illegible]
in oculis et in ore elephantis [illegible]
eri feruntur unde non [illegible]
et sic moriuntur. Item dicit [illegible]
Aristoteles li. 7. quod illorum draconum morsus est
malus et periculosus qui remedia [illegible]
venenosa sicut draco qui [illegible]
ris quia contra illorum morsum vix inve-
nitur medicina. ¶ Item plinius li. 20 [illegible]
rum adversum omnia fugiunt venenosa [illegible]
ipsa etiam eius cum melle curat caliginem
oculorum. Item Aristoteles li. 7 dicit quod [illegible]
qua mordetur a dracone moritur

De equis

Equi sunt dicti eo quod [illegible]
iungebantur [illegible]
in forma et in cursu [illegible]
Est autem dictus caballus a cavando [illegible]
eo quod gradiens in [illegible] terram
cavet, quod reliqua animalia non habent ut
dicit ysidorus li. 12. [illegible]
nominantur [illegible]
multa est ut dicit [illegible]

[illegible]

equis

[illegible] fugiunt [illegible]
[illegible]
[illegible] et equa pulli [illegible]
[illegible] et noluit [illegible]
[illegible] pullu aliquem [illegible]
[illegible] saltum [illegible] natura [illegible]
[illegible]
[illegible]
[illegible] dolore et mortem [illegible]
[illegible]
[illegible] Unde [illegible]
[illegible] saltat in hostem
[illegible]
[illegible]
[illegible] bibendo
profundius [illegible] nares suas [illegible]
[illegible]
[illegible]
[illegible] equi [illegible] et [illegible]
[illegible] equi [illegible] non [illegible]
fugiunt [illegible] et [illegible] et pulli
[illegible]
[illegible] equa
[illegible]
[illegible] dentes [illegible]
et [illegible] equus [illegible] dentes suos
et [illegible] tanto [illegible] dentes [illegible]

Item [illegible] Equus masculus vivit
[illegible] annis et [illegible] et [illegible]
ad [illegible]
[illegible] ad annos [illegible]
[illegible] equi
[illegible] et femina
[illegible] et multum [illegible]
[illegible] Item [illegible]
Equis [illegible] accidit [illegible] podagra et
[illegible] et [illegible] signum
huius est tumor [illegible]
Et equis qui [illegible] in domibus accidit
dolor [illegible] et signum est quod [illegible]
[illegible]
[illegible] et si [illegible]
[illegible] equis accidit [illegible]
[illegible] et signum huius est quod [illegible]
[illegible] et [illegible] caput et collum
et gravat eos ambulare [illegible]

est [illegible] et [illegible]
[illegible] Et signum
huius [illegible] est quod [illegible]
et [illegible] Et [illegible]
[illegible] nisi [illegible] Et
accidit [illegible] Item [illegible] declinat
[illegible] infirmitas
[illegible] Et accidit eis infir-
mitas [illegible] et huius signum est quod non
potest [illegible] suas copias
et [illegible] et morsus animalis [illegible]
dicitur [illegible] quod valet nocet equis
et mulis [illegible] in eis ampulas sive
pustulas [illegible] moriuntur
[illegible] Et equus cognoscit hymitum
[illegible] contra eum [illegible] Et
[illegible] natare usque
[illegible] turbidam. Et si fuerit
aqua clara turbant eam pedibus [illegible]
[illegible]

De equa

Equa [illegible] per diminutionem ab equo [illegible] dicta
[illegible] equorum femina equus est vocata
[illegible] Equa impregnata
si [illegible] candellam [illegible] abortiet
Item [illegible] equae [illegible] sit, et si moritur
aliqua et dimisit pullum, nutrit eum alia
[illegible] equarum diligit [illegible] suam
[illegible] dicit [illegible] 8° [illegible] 43°. Equa [illegible]
[illegible] et suam prolem [illegible] animalibus
diligit, et amissa [illegible] alienum pullum
nutrit et diligit tamquam suum. Item dicit
[illegible] quod in fronte pulli equi na-
scitur quidam [illegible] niger ad [illegible]
[illegible] quod mater lambit lingua, et
abscondit, et nullum pullum admittit ad ubera
nisi illud [illegible] et vorat illud
[illegible] amoris, quod mulieres
[illegible] utuntur illo in suis [illegible]
[illegible] volunt [illegible] stimulare ad amorem
[illegible] dicit [illegible] Item dicit [illegible]
[illegible] dolet [illegible]
[illegible] libido
[illegible] Item

et equa

[illegible] dicit [illegible] equis [illegible] a pastoribus [illegible] est [illegible] et [illegible] ipsi [illegible] et [illegible] ipsi.

De pullo equi siue pollectro

Pullus [illegible] equus filius siue pullus [illegible] matris [illegible] breuibus est [illegible] ut d[icit] [illegible] li[bro] [illegible] [illegible] quod [illegible] matres equorum [illegible] et [illegible] illud / et [illegible] [illegible] propter hoc ut dicit [illegible] posterior pars pulli equi est maior parte anteriori. Et [illegible] superior [illegible] anterioris partis [illegible] equorum maior [illegible] posteriori. Et ideo qui est pullus post [illegible] rapit suum / quod [illegible] ad etatem [illegible] pullus est [illegible] et sequitur [illegible] quoniam [illegible] aliquo casu [illegible]

Pullus equus [illegible] [illegible] non [illegible] non subiacet [illegible] matrem [illegible] libere sequitur [illegible] [illegible] libere [illegible] et [illegible] et [illegible] matre subtrahitur [illegible] non [illegible] et ut dicit ysy[dorus] li[bro] [illegible] quadrigis et [illegible] [illegible] filius [illegible] et [illegible] fuerunt [illegible] Nam equus [illegible] [illegible]

[illegible]

De elephante

[illegible] elephantes et elephanti [illegible] ... [illegible]

[illegible] ... ut dicit [illegible] ... [illegible]

[illegible] ... assimilantur [illegible] ... [illegible]

[illegible] ... stabula prosternunt [illegible] ... [illegible]

[illegible] ... domitas feminas [illegible] absconduntur [illegible] ... qui domiti sunt optimi sunt in militia. Nam ferunt turres ligneas [illegible] contra armatos [illegible] ... est qui armatas [illegible] minime sunt [illegible] et [illegible]. ¶ Item [illegible] ... fronte et [illegible] diminutio [illegible] magnitudinem [illegible] ... ¶ Item fronte et [illegible] prosternunt [illegible] ... [illegible]

de ellephante

### Item de ellephante

Secundum dictum [illegible] li. p. et Avicenna. Nasus ellephantis est longus sicut et [illegible] manus et per ipsum accipit cibum et ponit in ore suo quod nullum facit aliud animal, et [illegible] ellephantis manibus [illegible] et [illegible] in ore [illegible] lingua est [illegible] et apparet [illegible] lambit labia post cibum et potum suum. Et non invenitur in eo nisi unum intestinum involutum multiplex et [illegible] est sibi pro stomacho. Unum post aliud non est nisi unum aliud per quod [illegible] Et [illegible] magnum quadruplum [illegible] splenem habet parvum [illegible] et hoc est ut dicit Avicenna [illegible] in [illegible]. ¶ Item [illegible] qui [illegible] apparent [illegible] rostro suo [illegible] et [illegible] spirat [illegible] et [illegible] aqua et [illegible] causa [illegible] Ellephas autem qui [illegible] pedes [illegible] non potest [illegible] pedes [illegible] corporis sed [illegible] supra latus dextrum vel sinistrum et dormit stante corpore et flectit pedes posteriores sicut homo. ¶ Item idem li. v. Masculus [illegible] post [illegible] femina post annum usque ad xv. et postquam parit femina quiescit per [illegible] Et postquam fuit impregnata [illegible] a masculo non tangitur et [illegible] in utero per biennium et quando pariet [illegible] [illegible] Item idem li. [illegible] Ellephas [illegible] [illegible] [illegible] dolor

[illegible] et [illegible] [illegible] subvertit [illegible] quando [illegible] Et quando vexatur dolor [illegible] [illegible] eius [illegible] [illegible] Idem [illegible] [illegible] super dorsum [illegible] Et si [illegible] in corpore [illegible] [illegible] [illegible] [illegible] Item ibidem li. [illegible] maiores corporis et animositatis [illegible] masculus domat [illegible] et quando [illegible] [illegible] et quando [illegible] [illegible] domesticatur. Et [illegible] li. [illegible] [illegible] est et [illegible] omnibus [illegible] agrestibus [illegible] [illegible] est animal [illegible] [illegible] [illegible] in aqua [illegible] [illegible] non potest [illegible] corporis [illegible] ellephantis [illegible] [illegible] li. 14. [illegible] Item [illegible] li. 8. Nullum animal [illegible] sicut ellephans [illegible] [illegible] magnitudinem corporis [illegible]

### De ellephante

De ellephantibus autem dicit Solinus [illegible] disciplina ellephantis et [illegible] [illegible] [illegible]

[illegible] in talibus [illegible]
[illegible] intelligit [illegible] quorum
alter [illegible] est et alter pro-
[illegible] reprehensibilis [illegible]
[illegible] pruriunt [illegible]
[illegible] et nos confitemur [illegible]
[illegible] et [illegible]
[illegible] parvuli [illegible]
[illegible] et tunc [illegible]
[illegible] ante ablutio [illegible]
[illegible] pro feminis [illegible]
[illegible] noverunt adultera
Et qui [illegible] dimiserunt [illegible]
[illegible] Item [illegible] et
[illegible] in medio [illegible] et
ipsos [illegible] protegunt et [illegible]
[illegible] mansuefiunt.
[illegible] fovea subterranea in via elepha-
[illegible] ignorantur ad quam [illegible]
[illegible] venator [illegible] et [illegible] ipsum
[illegible] venatores [illegible]
[illegible] et [illegible]
elephantem. Et dat ei comedere ordeum
[illegible] tres vel quatuor [illegible] diligit
[illegible] et [illegible] ordeum
mansuefit [illegible] aliquo [illegible]
[illegible] dicit [illegible]
[illegible] mollem
et [illegible]
[illegible]
[illegible] [illegible] partem [illegible]
[illegible] et [illegible]
[illegible] et longas [illegible]
[illegible]
[illegible] [illegible]
[illegible] draconis [illegible]
Et cum eius sanguinem bibit [illegible]
[illegible] ipsum [illegible] draconibus

[illegible] elephas et [illegible]
[illegible]
[illegible]

Item de elephante

Ex libro autem phisiologi de elephante [illegible] Elephas magnum
est animal quod magnitudine omnia animalia
quadrupedia excellit intellectu et memoria
multum ingenuus. Elephantes [illegible]
[illegible] se includunt.
Et qui fessi sunt de [illegible] et maxime
[illegible] se fulciunt. Quorum [illegible]
se sustentant [illegible] insidiatores
[illegible] arbore [illegible] cui se apodians
elephas [illegible] pondere suo
arborem frangit et cadendo frangendo
cadit ibidem et [illegible] Cui cassum suum
[illegible] miro modo barrit
et clamat et [illegible] ad cuius barritum
multitudo [illegible] arridet ele-
phantum qui [illegible] pro dentibus [illegible]
[illegible] miro affectu
totis viribus se [illegible] Coitum abhor-
rent nisi pro sola prole. [illegible]
[illegible] elephantes [illegible] stimulat [illegible]
amoris [illegible] quia
[illegible] masculus quousque in abscon-
dito [illegible] Et [illegible] potuerit ma-
dragoram cuius fructum primo femina gustat
[illegible] masculus [illegible] fructu [illegible]
[illegible] et [illegible] [illegible]
[illegible] femina in utero
[illegible] partus [illegible]
et [illegible] draconis
[illegible] fetum [illegible]
atque [illegible] Et dum mater filium
parturiendo laborat masculus [illegible]
ipsam protegit et defensat. Item de-
[illegible] elephantis combusta

[illegible] de elep[illegible]

[illegible] et omnes [illegible]
[illegible] valde admirandum dicitur
[illegible]
[illegible] ad [illegible]
[illegible] et [illegible]
fiet [illegible]
aut alta [illegible]
bestia venit ad [illegible] et [illegible]
mamas [illegible] aut [illegible]
[illegible] obdormiente [illegible] et [illegible]
perforat gladio [illegible] latus eius
Altera non colligit sanguinem eius quod [illegible]
[illegible] pannus qui [illegible] appellatur

De Edo

Edus ab edendo [illegible]
[illegible] est et [illegible]
[illegible] ut dicit Ysi. li. 12. [illegible]
[illegible] ex [illegible] temperate ut dicit
Ysaac in dietis. Inter [illegible] et digestioni
competentior maxime si est [illegible]
cuius caro bene nutrit et [illegible]
bonum gignit [illegible]
propter etatem [illegible]
[illegible]
sunt [illegible] Et ideo [illegible]
[illegible] maxime hiis qui [illegible]
et quiete [illegible]
[illegible] habet agnus [illegible]
et digestioni [illegible]
[illegible] et calore ut dicit Const.

Habet autem edus [illegible] valde acutum
et [illegible] aspectum et obliquum [illegible]
[illegible] ut dicit Plinius
li. 8. ca. 40. [illegible]
dicitur sanare [illegible]
[illegible]
li. 18. ca. 20. dicit [illegible] pelles sanant
morsus [illegible]
[illegible] pelle [illegible]
fugant [illegible] pelle eius [illegible]
[illegible] ad plagas et sanguinem [illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

De Eruca

Eruca est vermis multipes [illegible]
[illegible] frondibus
[illegible] et floribus [illegible]
et [illegible] ab erodendo [illegible]
[illegible] arbores et [illegible]
[illegible] de qua meminit [illegible]
[illegible] bestiam et maleficam [illegible]
[illegible] que se replicat [illegible]
[illegible]
[illegible]
[illegible] et tande [illegible]
[illegible] li. 12.
[illegible] Plinius li. 8. [illegible] est [illegible]
[illegible] et [illegible] in arbore
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] quida
[illegible] quibus in [illegible]
[illegible] multa [illegible]
[illegible] et [illegible] arbores
atque [illegible] Est autem [illegible]
et [illegible]
[illegible] et multi
[illegible] aliqua
[illegible] Nam [illegible] homo
[illegible] et post [illegible]
[illegible]
aut [illegible] Forma
[illegible] mutat et [illegible] in forma volatilis
[illegible] Nam [illegible]
[illegible] volitando

[illegible] tollet [illegible] aliter
[illegible] habebat totum
[illegible] tale volatile papilio [illegible]
[illegible] papiliones [illegible]
[illegible] maxime habundat [illegible]
[illegible] ut dicit frater Raymundus [illegible]
[illegible]

de faunis et satyris

## De faunis et satyris

Fauni autem et satiri dicuntur [illegible] quidam [illegible] bestie monstruose [illegible] quibus [illegible] ad plenum [illegible] humane [illegible] [illegible] et bestiali appetitu [illegible] [illegible] in armoribus [illegible] libidine [illegible] ut dicit ysidorus [illegible] in multis tamen [illegible] [illegible] ut dicit ysidorus [illegible] [illegible] homo [illegible] in [illegible] [illegible] Antonius in solitudine [illegible] [illegible] homo [illegible] mortalis [illegible] [illegible] faunos et satiros [illegible] [illegible] satiri [illegible]

dicit [illegible] [illegible] & hij monstruosi [illegible] quidam sunt [illegible] qui omnino capita [illegible] latrant magis bestias [illegible] Alij dicuntur ciclopes sic [illegible] unum oculum tantum habentes dicitur et [illegible] in medio frontis [illegible] / Alij autem [illegible] oculis sunt in humeris / Alij frontem habent planam sine naribus labium inferius ita prominens habent ut in solis ardoribus totam [illegible] dormientes / Alij autem ita [illegible] habent ora quod [illegible] preter [illegible] calamis [illegible] et hij sine linguis dicuntur esse loco sermonis utentes nutu / Item sunt alij in Scythia ita magnas habentes aures ita ut [illegible] diffusa [illegible] magnitudine ipsarum [illegible] totum corpus / et hos panthios dicunt [illegible] homo dicitur latine [illegible] / Sunt et alij in Ethiopia proni ambulantes ut pecora [illegible] / et hij [illegible] nominantur / Sunt et alij in Ethyopia [illegible] pedem ita magnum [illegible] in terra iacentes adumbrent pedum magnitudine contra estum et tamen tante sunt celeritatis quod canibus in cursu comparantur / Et ideo a grecis [illegible] appellantur / Item sunt alij qui habent plantas versas post crura et octo digitos in plantis et tales in deserto Libie vagantur / Item in Sythia sunt alia forma humana [illegible] et pedes equinos et hec monstra a multis [illegible] ut dicit [illegible] / Et multa alia [illegible] ponit ysidorus monstra talia in libro xj° et [illegible] plinio libro [illegible] et [illegible] de mirabilibus mundi

## De feminabus

de feminabus

Femina … et proprie femina … dicitur. ubi specie … distinguitur
ab ipso … dicitur … femina …
quia … femina … ge-
ter concupiscit in omni … 
plus concupiscit femina quam masculus
et ardentius movetur ad amorem … dicit
ysy. li. … ¶ … generatis
generatis ponit … femine
sunt debiliores maribus preter ursum et
leopardum. Nam … sunt auda-
tiores et fortiores et sunt … 
res ad … et sunt … 
tera femina. … 
… supra … 
illa … multa … de …
na. / Est enim generatio … 
sculus … et facilius … 
sculus / et ponit … femina
fera maneat semper in … 
masculus cum femina … 
fitiat alium / Et est femina … 
stantie et … masculi …
Et ponit … femina
… masculus … 
fugit … 
¶ Item dicit … femina …
… fetus est … masculus
lus aut sicut femina … 
ab ambobus … fit
creatura / Et … masculus
et femina sunt principalia generationis
sed masculus ut forma femina ut ma-
teria. / Et … masculus … 
in altero, femina generat … 
… femina generatur … 
et … quam masculus et hoc ac-
cidit … 
… 
in feminis quam in masculo. Et … 
… 
… 

… nullus … femina
… 
… 
… supra … 

De fetante

Fetans est pariens vel … 
in quolibet … 
et fetans fetans / et proprie … 
… fetantes … 
… 
… 
… 
… 
… li. 18.
… 
generationis et … 
… 
… 
… 

De fetu

Fetus fetus … 
… 
… 
… dicit ysy. li. … fetus
… 
… 
… 
… 
… 
¶ Fetus autem … 
… 
… 
ysydorus ¶ … 
… 
… 
… 
… 
… 
… 
De fetu … 
de hominis generatione.

De ferario

[illegible] [illegible] diua significa[illegible] dicit illo [illegible] [illegible] [illegible] [illegible] videlicet ficus. Homo [illegible] fauni homines silvestres et ficus [illegible] [illegible] ficarius in [illegible] p° ca° ubi dicit [illegible] [illegible] morus cum fatuus ficus [illegible] [illegible] [illegible] [illegible] silvanis. Hoc modo dicit fatuus [illegible] fauni et satiri qui inter agresta [illegible] et alias arbores [illegible] [illegible] [illegible] sunt pilosi [illegible] [illegible] alia [illegible] monstruosa [illegible] quibus dicit [illegible] [illegible] [illegible] [illegible] dicit [illegible] [illegible] in ca° de [illegible] [illegible] [illegible] de faunis. Et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sicut homines [illegible] [illegible] fatuus [illegible] sicut [illegible] [illegible] [illegible] [illegible] io no approbat [illegible] aliquo [illegible] [illegible] qui [illegible] [illegible] [illegible] ficarius [illegible]. Nam [illegible] sunt quidam latrones dolosi [illegible] [illegible] [illegible] [illegible] brevi gladio [illegible] [illegible] [illegible] [illegible] sicut [illegible] [illegible] [illegible] [illegible] [illegible] latere [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in babilonie [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] monstrum [illegible] dicit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sunt [illegible] [illegible] [illegible] [illegible] latine et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] homines huiusmodi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] de faunis et satiris.

## De formica

Formica [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Grana [illegible] [illegible] formicis [illegible] [illegible] [illegible] dicit formica [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] granorum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] multa est [illegible] [illegible] [illegible] in futurum [illegible] in [illegible] sibi [illegible] [illegible] [illegible] [illegible] [illegible] dicit [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] plurimum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. In Ethiopia autem [illegible] esse formicas ad formam canis [illegible] [illegible] [illegible] pedibus [illegible] quas custodiunt [illegible] [illegible] [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] dicit [illegible] [illegible] in ca° de [illegible] [illegible] [illegible]. De formicis [illegible] dicit Solinus formice [illegible] sunt [illegible] [illegible] [illegible] [illegible] [illegible] magna multa [illegible] sunt [illegible] disciplinae, nam providet sibi [illegible] in [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] grana que [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] domunculas [illegible] ut ab [illegible] [illegible] vel a vento dispergantur [illegible] [illegible] et occultat [illegible] [illegible] [illegible] in domos in quibus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] illas [illegible] [illegible] [illegible] vel [illegible] cum in domibus [illegible] [illegible] ad capturam [illegible] [illegible] [illegible] aqua [illegible]. [illegible] [illegible] dicit quod [illegible] [illegible] illa aqua [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] illa aqua [illegible] loco [illegible] [illegible] [illegible]. Solinus. Plinius autem li° xi° ca° [illegible] dicit sic de formicis: laborem sibi [illegible] [illegible] et cibos [illegible] [illegible] [illegible] sunt [illegible] quod cibos [illegible] [illegible] [illegible] [illegible] maiora [illegible] onera [illegible] [illegible] sunt [illegible] [illegible] parvitati corporis [illegible] [illegible] magnitudo [illegible] pondera [illegible] [illegible] et [illegible] magnitudinis [illegible] non [illegible] [illegible] [illegible] [illegible] obvol[illegible] [illegible] [illegible]. [illegible] in publica [illegible] est [illegible] ratio et memoria nam [illegible] [illegible] [illegible] ne rursus germinent in fruges [illegible] grana [illegible] [illegible] cum dili[illegible] [illegible] et grana maiora [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. In [illegible] [illegible] [illegible] cessant [illegible] [illegible] a labore [illegible] [illegible] [illegible] [illegible] cibos [illegible] [illegible] [illegible] tempus ad mutuam [illegible] [illegible] sibi dare [illegible] magis [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible]

Atque deligens [illegible] p[er] [illegible]
[illegible] p[er] [illegible]
[illegible]
[illegible]
[illegible]
ad mod[um] [illegible] in minora uolatilia
transformant. ¶ [illegible] li. 3°.
Sunt q[ui]dam formice indie magne et [illegible]
nute que aurea [illegible] gemmas et
aurum custodiunt. [illegible] Indi [illegible]
in estiuo t[em]p[or]e q[ua]n[do] formice in cuniculis p[re]
nimio feruore absconduntur. ¶ Formice
odore [illegible]
[illegible]
[illegible] formicas [illegible] fugiunt [illegible]
[illegible]
Arist. li. [illegible] de formicis dicit [illegible]
mice sicut et in [illegible] olfac[tu]
odit enim odore[m] fetidum. Un[de] si q[ui]s sulphure
muniauerit domos suas formice [illegible]
sulphure uel origano [illegible] aut cu[m]
cornu ceruino combusto fugiunt et dimit
tunt domos suas. ¶ [illegible] formice
in grege uiuunt [illegible] sibi mutuo [illegible]
et obtemperant [illegible] regem non h[abe]nt ut dic[it]
Arist. li. p°. Et Salamon [illegible]
biorum 6°. Ubi dicit Formica [illegible]
ns preceptore[m] [illegible]. Ubi dicit glo. [illegible]
dicat [illegible] carens [illegible]
sibi in posterum prouidet multo magis tu
ad ymaginem dei condit[us] ad [illegible] eius
gloriam uocatus [illegible] magisterio [illegible]
[illegible]
fructus colligere quibus possis [illegible] in futuro
[illegible] glo. ¶ [illegible] formica [illegible]
qua[m] sup[er] commendant auctores [illegible]
Arist. li. 8°. Ubi dicit operatio formicarum
est manifesta [illegible]
formice semper ambulant [illegible] et [illegible]
ponunt cibum suum et laborant etiam in no
cte ad complementum [illegible]

Item de formica

Aliquas tamen h[abe]t nimis laudabiles
proprietates [illegible]

[illegible] quas [illegible]
[illegible]
et [illegible] flores [illegible] et [illegible]
[illegible] uolant [illegible] fructus [illegible]
[illegible] et [illegible]
[illegible]
li. 8° ca° 12° [illegible]
[illegible]
[illegible]
[illegible] sunt oua formicarum [illegible]
[illegible]

De formicaleone

Formicaleon [illegible]
[illegible]
[illegible] li. 12°. formica [illegible]
[illegible] formicis [illegible]
[illegible] grana [illegible]
formicarum [illegible]
causa est [illegible] formice [illegible]
[illegible]
[illegible] ut formicaleon [illegible]
[illegible]

De furo

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] dicit plinius li. [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] multitudo
[illegible]
[illegible]

de formicaleone

de furo

de formica

[illegible] singuli aggressi eos invadant [illegible] ut victui [illegible] in [illegible] et [illegible] patribus [illegible] regias [illegible] dure et magnificus et [illegible] eminenti. Et sunt [illegible] omnes [illegible] et [illegible] sub [illegible] et labores [illegible] tamen [illegible] permittunt nisi [illegible] rapiunt [illegible] ut dicit plinius.

De griffis

G[illegible] animal pinnatum et quadrupes [illegible] montibus nascitur [illegible] sunt leones alis [illegible]. Equis vehementer [illegible] sunt [illegible] et [illegible] homines discerpunt ut dicit ysy. li. [illegible]. Ideo autem infestat equum in tantum ut dicit [illegible] quod [illegible] armatum cum equo rapiat in sublime ut dicit glo. sup deut. [illegible]. Custodiunt autem griffes montes in quibus [illegible] gemme preciose et smaragdi [illegible] nec permittunt eos [illegible] ut dicit ysy. li. [illegible] In scythia [illegible] et gemmis affluunt [illegible] griffones [illegible] sunt [illegible] est rarus. Sed smaragdus optimus et cristallus [illegible] tam magnas [illegible] longitudinis et [illegible] que [illegible] sunt [illegible] regibus apponuntur ut dicit plinius.

De glire

G[illegible] sunt quedam bestiole que maiores [illegible] sic dicte quod sompnus efficit eos pinguiores. Nam glis [illegible] quod [illegible] ut dicit ysy. li. [illegible] tota autem hyeme dormiunt et immobiles [illegible] ut dicit [illegible] glires autem dicit plinius li. 8. ca. [illegible] quod [illegible] in silvis [illegible] habitant et [illegible] alterutrum [illegible] et [illegible] pietate genitores suos in senectute

vitantur et eis alimenta [illegible] ad [illegible]

De grillis

G[illegible] sicut et [illegible] animal est [illegible] et [illegible] parit et [illegible] sperma [illegible] colo sup [illegible] a sompno [illegible] noctis nomen assumpsit ut dicit ysy. li. 12. hec retro ambulat et terra terebrat [illegible] stridet [illegible] [illegible] formica [illegible] ligata capillo in cavernam eius [illegible] afflato [illegible] pulverem [illegible] abscondat et ita formica amplexibus trahitur ut dicit ysidorus.

De hynnulo filio cervi

H[illegible] hynnulus cervi est filius ab hynno dictus quod ad nutum matris absconditur ut dicit ysy. li. 12. animal quidem est debile et imbelle sicut damula et est [illegible] [illegible] et [illegible] rursus [illegible] [illegible] in [illegible] et antris et locis [illegible] [illegible] se abscondit [illegible] [illegible] et [illegible] saltare [illegible] ut dicit plinius li. 8. in ca. de cervis [illegible] in [illegible] c. ¶ Carnes [illegible] tenere et digestibiles [illegible] motus frequentia et [illegible] ut dicit Const. et ysaac in dietis et [illegible] sunt castrati ante [illegible] prestant [illegible] caro [illegible] erit melior et temperatior in [illegible] et calore ut dicit [illegible] Et si fuit castratus ante cornua [illegible] [illegible] post [illegible] ut dicit [illegible] li. 8. et plinius. Nota quod in multis [illegible] [illegible] [illegible] [illegible] sanguis a serpente illo [illegible] ut dicit Solinus li. 28. ca. 9. [illegible] ut dicit [illegible].

De hyrco

H[illegible] est animal petulcum et lascivum semper fervens ad coitum ut dicit ysy. li. 12. cuius oculi ob libidinem in transversum aspiciunt [illegible] et nomen traxit. Nam hyrci dicuntur oculorum anguli

griffis

de glire

de grilis

de hynnulo cervi

de hyrco

ut dicit [illegible]. [illegible] est [illegible]
[illegible] et adamante lapide [illegible]
[illegible] [illegible] forte domare [illegible]
vires [illegible] calidus [illegible]
dicitur [illegible] ¶ [illegible] est dict. [illegible]
capre [illegible] [illegible] ut dicit
idem [illegible] [illegible] [illegible]
ad [illegible] post [illegible] ut dicit
[illegible] li. 2o. Et [illegible] qui primo [illegible]
est grossior [illegible] li. 2o. quidam
hyrci [illegible] magnitudine in
auricularis [illegible] [illegible]
[illegible]. Nam [illegible] in latitudine plusquam
latitudinis palme et [illegible] barbam
[illegible] et [illegible] [illegible] in longitudine
usque ad terram et [illegible]
et fortia atque grossa [illegible]
di et dura, et odoris [illegible]
multo [illegible] [illegible]
tur et facile moriuntur [illegible]
dine [illegible] [illegible]
nis maris [illegible] [illegible]
et pastoris [illegible] ut dicit [illegible]
li. 14o. Et [illegible] [illegible]
hoc [illegible] eos pastores [illegible]
ante [illegible] vel [illegible]
[illegible] ad [illegible]. Et si [illegible]
[illegible] quia tamen [illegible]
pingues. Et accidit eis [illegible] monstruositas
ut dicit [illegible] li. 18o. [illegible] est
hyrcus [illegible] cornua in [illegible]
erat monstruosum. Carnes autem hyrcin[illegible]
[illegible] carnes [illegible] sunt [illegible]
[illegible] et indigestibiliores ut dicit [illegible]
[illegible] et [illegible] [illegible]
[illegible]. Cutis autem [illegible] est melior
et fortior. [illegible] odor est gravior et caro
peior. [illegible] castratus [illegible] caro eius
erit humidior et tenerior [illegible]
dura ad digerendum et [illegible] mala
ad [illegible]. ¶ [illegible] li. 8. De
morte [illegible] [illegible]

[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]. Cornu eius [illegible]
et sanat [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]

De hyena

Hyena [illegible] [illegible]
in [illegible] [illegible]
[illegible] et [illegible] [illegible]
et [illegible]. Et [illegible] hyena ab hyando [illegible]
dicta [illegible] [illegible] [illegible]
[illegible] suum. Natura eius ut [illegible]
[illegible] [illegible]
[illegible] [illegible] est ut
dicit [illegible]. [illegible] et hu-
mana [illegible] [illegible] ita assi-
[illegible] homo ¶ [illegible] autem dicit
plinius li. 12. 14. 31o. hyenis utriusque [illegible]
[illegible] et alternis [illegible] femina
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
et [illegible] et [illegible] [illegible]
[illegible] [illegible] totum corpus [illegible].
[illegible] [illegible] [illegible]
humanum [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] ad [illegible]
canes quos [illegible] [illegible] et [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible]
[illegible] quos [illegible] et [illegible] animal
quod sibi [illegible] [illegible]
[illegible]. [illegible] [illegible] in [illegible]
[illegible] et [illegible] [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible]

pt' [illegible] hyenas plurimas gignit
[illegible] et furos et multa a-
[illegible] monstruosa ut dicit plinius

¶ [illegible] bestia etiam gignit lapid[em]
[illegible] qui [illegible]
[illegible] futura p[re]dicit [illegible]
[illegible] dicit [illegible] dicit li
li. 28. [illegible] odit panthera et si pelles
[illegible] suspendantur [illegible]
[illegible] et si fugit [illegible]
[illegible] ad [illegible]
[illegible] Q[uod] si no[n] [illegible]
[illegible] vel ex equo [illegible]
[illegible] fit et facile rapitur
bestia ut [illegible] Item ut dicit
[illegible] fel eius [illegible] valet medicinale et
[illegible] contra caliginem [illegible]
[illegible] et corpor-
[illegible] magis [illegible]
[illegible] li. 7. [illegible] est sicut
[illegible] et in [illegible] collo [illegible]
sicut in collo equi et [illegible] pelles [illegible]
[illegible] et [illegible] et [illegible]
[illegible] et [illegible] et durat ita [illegible]
[illegible] et [illegible] sepulturas et
[illegible] mortuorum

De hiricio

Hericius est animal spinosum spinis
hispidis et asperis propter coriu[m]
[illegible] undique [illegible]
[illegible] quod se [illegible] undique [illegible]
[illegible] et [illegible] ut aliquis
[illegible] se [illegible] in globum [illegible]
in sua [illegible] contra se [illegible]
[illegible] [illegible] est [illegible]
[illegible] in [illegible] vel alia [illegible]
arbores et [illegible] poma [illegible]
et [illegible] poma [illegible]
[illegible] se [illegible] ut [illegible]
[illegible] portat et [illegible] li. 2.
[illegible] ab [illegible] et rigore spinarum

herinacius [illegible] et [illegible]
[illegible] dicit [illegible] li. [illegible] spinas [illegible]
et [illegible] sicut [illegible] et sunt [illegible] arma
[illegible] et [illegible] ¶ [illegible] li.
li. [illegible] sunt [illegible]
sunt aquatici et [illegible] ova multa que
non [illegible] et sunt [illegible]
[illegible] proprium habet
[illegible] hericius [illegible]
[illegible] a parte [illegible]
[illegible] parte super-
[illegible] in dorso [illegible] qui [illegible]
[illegible] et propter hoc [illegible]
[illegible] partes [illegible]
[illegible] dimisum [illegible]
plures superfluitates. Et est [illegible]
[illegible] et spinarum albarum et est multorum
[illegible] hericius est [illegible]
[illegible] [illegible] dicit [illegible] et am-
bulantia super [illegible] pedes. Item li. [illegible]
[illegible] dorsum cum dorso [illegible]
[illegible] superflua se [illegible]
[illegible] li. 8. et multotiens [illegible]
[illegible] ventos septentrionales
et meridionales qui faciunt foramina
in terra ad que fugiunt qui sentiunt
tales ventos [illegible] quidam fuit
in [illegible] qui [illegible] per quem
[illegible] et predixit ventos futuros
et non intellexit aliquis [illegible] tale notitia
[illegible] Item [illegible] li. 14. dicit quod tot
[illegible] quot [illegible] et in illis [illegible]
[illegible] ova [illegible] Et [illegible]
[illegible] meliores et ova [illegible]
maiora et quedam minora sunt quorum
[illegible] et [illegible]
[illegible] Item li. 17. [illegible]
[illegible] multas spinas maiores corpo-
[illegible] magnitudinis spinarum et par-
vitatis corporis est qui [illegible]
corporis [illegible] paucitatem
caloris etiam [illegible] non bene digeritur

vermis generatur in corporibus eorum ex illa
superfluitate et illa superfluitas transit
in vermem necnon seruiam [illegible] dicitur

## De herinatio

Herinatius animal est quod ex omni[bus] animalibus parvum et spinosum, et tamen
in cancris [illegible] erentio [illegible] dicitur esse [illegible]
De quo plinius li. 8o ca. 8o dicit herinatij
inquit mora [illegible] se volutant super
poma que spinis infixa defferunt ad arbores gravitate. Et propter illa que constant
in dorso unum semper portat ore. Qui cum
tum in modum pille se involuit ut possit
per arculos comprehendi. [illegible] [illegible] [illegible]
[illegible] se disparat herinatius et [illegible]
ex se emittit tabificam et [illegible] urinam.
Et illa urina primo nocet [illegible] [illegible] spina
vel dorsum [illegible] aliquam asperat. Nam
tali fluxu dorsum suum [illegible] et [illegible]
tur spinulis dorsi. Et ideo ignorat quod
melius faciliusque capitur [illegible] aliquos [illegible]
ponebat. Et ideo ars est quod [illegible]
talis bestiola [illegible] est urina [illegible] bestie
[illegible] tanta quod [illegible] dorso et la[illegible]
[illegible] spinis ipsa [illegible] [illegible]
Et ideo quod odore suo [illegible] propter tantum
in urina sua [illegible] [illegible] [illegible]
[illegible] [illegible] eius [illegible] et [illegible]
[illegible] aut diffundat quousque [illegible]
[illegible] [illegible] [illegible] bestiola
quis sit parvula tanta se [illegible] forti-
tudine [illegible] [illegible] vix salvo [illegible] potest
apperiri. [illegible] aqua igitur [illegible] eius [illegible]
[illegible] [illegible] apperitur et [illegible] [illegible] [illegible]
posterioribus suspenditur [illegible] suspensa [illegible]
[illegible] [illegible] nec alio modo [illegible]
ut eius pellicula [illegible] [illegible] et
quis [illegible] [illegible] corpusculum humanis
usibus non multum sit [illegible] tamen eius
pellicula tam spinata [illegible] mortalibus [illegible]
[illegible] si non [illegible] [illegible] [illegible] [illegible] in
[illegible] mortalibus [illegible] [illegible] [illegible]
herinacius bestie [illegible] [illegible] [illegible]

herinatius quod [illegible] [illegible] [illegible] [illegible]
[illegible] poma [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] dorsi
et ut se [illegible] [illegible] [illegible]
[illegible]

## De iumenta

Iumenta vel iumentum [illegible] [illegible]
vacca que ad terram [illegible] [illegible]
[illegible] [illegible] est apta ut [illegible] [illegible]
[illegible] ideo sic dicitur quod antiquitus [illegible]
immolabatur et non [illegible] [illegible]
Et animal petulantum [illegible] [illegible] [illegible]
[illegible] et ideo fortiora [illegible] [illegible] [illegible]
[illegible] etiam [illegible] [illegible] [illegible]
vestigia [illegible] iumenta [illegible] [illegible]
solet esse apta quod in tali etate [illegible]
ut [illegible] [illegible] in [illegible] et
pro [illegible] usibus hominum [illegible] ad macellum
a carnifice [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] a [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] magis [illegible]
[illegible] ut dicitur in [illegible].

## De leone

Leo [illegible] [illegible] dicitur latine eo quod [illegible]
sit [illegible] [illegible] bestiarum [illegible]
[illegible] dicit [illegible] li. 12o. [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] sunt longi et coma [illegible]
et [illegible] sunt [illegible] et [illegible] [illegible] et
cauda [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] in capite [illegible] [illegible] [illegible]
[illegible] ut [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] mag-
[illegible] dormierit [illegible] [illegible] [illegible]
ambulat [illegible] vestigia sua [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] catulum [illegible] [illegible] vera [illegible]
[illegible] leonis [illegible] nisi [illegible] [illegible] [illegible] patet

De iumenta
De hoie. [illegible] li. 3. 4. 6. [illegible]

De leone

[illegible]

[illegible]
[illegible]
[illegible]
[illegible] abscondit [illegible]
[illegible] quotiens sed or-
[illegible] insilit saltu
[illegible] qui vulnerat
[illegible] primo se tangit
[illegible] primum fumpitur
[illegible] et cum
[illegible] rotatum [illegible]
[illegible] vulnerat nec ledit / qui mo-
[illegible] Aristotiles dicit [illegible]
[illegible] Eustrum
[illegible] timet / [illegible]
[illegible] sibi [illegible]
[illegible] ponit plinius [illegible]
[illegible] dicit [illegible] similiter
[illegible] collum [illegible] inmobile [illegible]
[illegible] admodum canis / et
[illegible] primo pedem dextrum / et post
[illegible] Et parit [illegible]
[illegible] in ossibus suis / et ossa sunt ita dura
[illegible] ignis / [illegible]
[illegible] multas figuras in pedibus
[illegible] filios [illegible] sicut canis vel
[illegible] filios
[illegible] sicut dicit [illegible] et [illegible]
[illegible] dicit [illegible] / qui [illegible]
[illegible] catulum [illegible] Cuius filij na-
[illegible] et cum [illegible]
[illegible] in [illegible]
[illegible] / et [illegible]
[illegible] qua cum [illegible]
[illegible] et subito [illegible]
[illegible] cauda in [illegible]
[illegible] et illius [illegible]
[illegible] et [illegible]
[illegible]
[illegible] intra
[illegible] utitur
pro [illegible]

ipsas absondit [illegible] perit [illegible]
vel [illegible] speciem suam [illegible] recipit
solum [illegible]
[illegible] aliis [illegible]
aliquid [illegible]
[illegible]
febris qua [illegible] et [illegible] morbi
[illegible] substancie [illegible]
Cuius autem [illegible]
est non [illegible] et [illegible] l. 28° [illegible]
[illegible] multiplicare in medicina [illegible]
[illegible]
[illegible]
morsus illo tempore non [illegible]
[illegible] mixtus cum [illegible]
custodit ea [illegible]
et [illegible] adusta [illegible]
[illegible] aqua addita [illegible]
[illegible] valet [illegible]
bos et caduros [illegible]
solvit quartanam febrem [illegible]
l. 28° ca. 8° [illegible]
[illegible] una [illegible]
[illegible] fovea [illegible]
[illegible] que [illegible] tangitur
ponitur aut agnus vel ovis [illegible]
in qua salit leo [illegible]
rapienda [illegible] non posset
recipere [illegible]
[illegible] ubi [illegible]
[illegible]
que post eius introitum subito [illegible]
et ipsum [illegible] ulterius non [illegible]
in cavea [illegible] forma [illegible]
captus et cathenatus [illegible]
Et hoc tangit [illegible]
[illegible] locum illum [illegible]
in cathenis.

De leona

Leona [illegible]
[illegible]
[illegible]

[illegible]

[illegible] mar[illegible] q[illegible] [illegible]briosus sicut [illegible]
[illegible] dicit [illegible] et [illegible] ¶ Item est
[illegible] qn [illegible] et furibundus [illegible]
[illegible] [illegible] se [illegible] [illegible]
[illegible] maxime [illegible]
[illegible] transeuntibus et [illegible]
[illegible] in [illegible] [illegible]
[illegible] [illegible] transeuntes
[illegible] [illegible] insilit [illegible]
[illegible] [illegible] dilaniat et occidat
[illegible] pelle [illegible] et [illegible]
[illegible] [illegible] devorat et transglutit
Et [illegible] [illegible] contra se
[illegible] [illegible] quam rapuit predam
[illegible] et [illegible] et terram [illegible]
Et [illegible] [illegible] insilit quo
[illegible] [illegible] videt [illegible]
[illegible] [illegible] bibit et [illegible]
[illegible] [illegible] membrana
[illegible] [illegible] et deglutit

## De leopardo

Leopardus est bestia [illegible] ex
leone et parde [illegible] ut
dicit [illegible] Nam ut dicit Plinius [illegible]
[illegible] [illegible] leone [illegible]
[illegible] [illegible] pardi [illegible]
[illegible] [illegible] [illegible] fuit
[illegible] ut dicit [illegible] Est autem animal [illegible]
[illegible] sitit sanguinem et est [illegible]
[illegible] ut dicit [illegible] Colorem
[illegible] habet pardus et saltu [illegible]
[illegible] predam [illegible] saltu
[illegible] [illegible]
[illegible] et [illegible]
corpus [illegible] et [illegible] assi-
milatur [illegible] in capite formam pardi [illegible]
[illegible] corpore [illegible] minor et leoni
[illegible] est [illegible]
[illegible] facit foveam subterraneam
[illegible] [illegible]
quod intrat et aliud per quod exit

Est autem [illegible] in utroque [illegible]
[illegible] et in medio [illegible]
[illegible] leone subito in foveam se [illegible]
[illegible] [illegible] mortuus
[illegible] Unde triumphare de leopardo putat
[illegible] magnitudinem corporis per medium
foveae [illegible] est liber transire nequit
quam [illegible] leopardus nisi in [illegible]
[illegible] leonem aggreditur Et iterum
in [illegible] opposita [illegible] leonem
a tergo impetitur et unguibus aggreditur
Et sic [illegible] de leone [illegible]
[illegible] obtinet leopardus et sic degenere
bestia de fortiori [illegible] per astutiam in antro
[illegible] obtinet [illegible] potentiam in publico
[illegible] sicut narrat [illegible]
[illegible] et astutiis bestiarum
¶ [illegible] dicit de bestia que dicitur
[illegible] quam [illegible] et aliquod [illegible]
[illegible] [illegible] hominis et [illegible]
[illegible] Et [illegible] venatores illam [illegible] in [illegible]
[illegible] super arborem suspendunt
[illegible] venit leopardus ad arborem
saltat et [illegible] [illegible] et [illegible]
[illegible] venatores ¶ Item facit panthera
[illegible] ut dicit [illegible] de leopardo dicit
[illegible] leopardus qui egrotat sanguinem
[illegible] bibit et sic [illegible] languore
[illegible]

## De lepore

Lepus dicitur [illegible] [illegible] [illegible]
[illegible] et [illegible] sue
[illegible] ut dicit [illegible] 12 Animal est
[illegible] timidum et imbelle ut dicit
[illegible] carnis nisi [illegible]
[illegible] est [illegible] sicut et [illegible]
[illegible] [illegible] palpebras in dormi-
[illegible] [illegible] potissime
[illegible] aures [illegible] cum aures longe
sunt [illegible] et [illegible] [illegible]

pp oculorum apertum [illegible] Nam omnibus d[illegible]
dit oculos apertos quod nullo animali fit
[illegible] ab infestatione [illegible] et ma-
[illegible]
[illegible]
Et ideo datur ei [illegible] agi-
litas contra canes et alias bestias ipsum
insequentes [illegible]
contra [illegible]
oculos [illegible]
Data est etiam ei sub pedibus multa pillorum
pilositas ut pelle pedum [illegible]
[illegible] a lesione [illegible]
[illegible] in [illegible]
[illegible] Et ideo dicit [illegible]
des leporis subtus sunt pillosi quod in
aliis animalibus rarius [illegible] Circa
cuius posteriora sunt anterioribus longio-
ra, quod fuit necessarium ad elevandum fa-
cilius corpus suum in cursu quando fugit
contra montem, unde difficilius capitur
contra montem quam contra vallem [illegible]
accidit propter anteriorum [illegible]
Nam propter depressionem anteriorum partis
corporis contra vallem et [illegible] cadit
nec potest equaliter continuare cursum suum
Et ideo in fugiendo videt cursum ad fron-
dit oblique motus latera [illegible] prout
potest contra montis altitudinem contra an-
teriora erigit et sepius insequentes se per illos
evadit ¶ De leporibus autem dicit plinius
li. 8o ca. [illegible] Leporum multa genera sunt
Nam in alpibus sunt albi et [illegible]
[illegible] quandam maioris [illegible] pelles
[illegible] cursus [illegible] dicit
Nam cuniculi leporis sunt [illegible]
qui [illegible] terram gravant et [illegible] sub
terraneis habitant quas sibi formant
et sunt fecunditatis [illegible] et sunt [illegible]
quibusdam insulis [illegible] pro-
[illegible] pro-
[illegible]
[illegible] insulis ita sunt [illegible]

[illegible]

## De linx

L[illegible] bestia est [illegible]
[illegible]
[illegible] pardus [illegible]
[illegible]
[illegible] Et [illegible]
[illegible] abscondit sub [illegible]
[illegible]
li. 8o ca. [illegible]

de linx

## De limaca

L[illegible] limaca est [illegible]
[illegible]
[illegible] et est [illegible]
[illegible]
[illegible] ¶ [illegible] est [illegible]
[illegible] duo [illegible]

de limaca

[illegible] [illegible] [illegible] [illegible] facit et qui aliquid aliu
[illegible] [illegible] statim cornua retrahit et intra
[illegible] redeat infra domum se reseruans in
[illegible] aere et umbre magne resistere
[illegible] [illegible] qui spinam spinis habet resiste
[illegible] [illegible] [illegible] natura [illegible] a pastore
[illegible] [illegible] aut sepit post se [illegible]
[illegible] [illegible]

De lupo

Lupus ut dicit [illegible] [illegible] lupo dicitur
[illegible] [illegible] qui tantum uirtus sit in pedibus
[illegible] [illegible] [illegible] non durat. Rapax
aut [illegible] [illegible] [illegible] appetitus et tempore
[illegible] [illegible] [illegible] finem [illegible] tenditur et
[illegible] [illegible] [illegible] prius [illegible] se cum lupus
prior uiderit [illegible] subito tacuit [illegible]
Lupus est in fabula. Certe si se [illegible]
senserit deponit [illegible] feritatem. Lupi
toto anno non [illegible] quam duodecim dies [illegible]
[illegible] [illegible] portant et post longa [illegible]
multum durant. Nutrit Ethiopia lupos
ceruice iubatos et ita uarios ut nullum
colorem eis deesse dicunt. Lincus [illegible] Ysidorus.
Plinius aut libro [illegible] capitulo [illegible] dicit idem. Et dicit
quod lupi Affricani sunt [illegible] et [illegible] quam
non [illegible] in frigidis regionibus corpore
sunt maiores et magis aspri et feroces.
Solinus aut libro [illegible] dicit quod in India est lupus
[illegible] [illegible] [illegible] [illegible] superius et inferius
et habet [illegible] leonis et faciem hominis et caudam
scorpionis et uox [illegible] uox hominis terri-
bilis sicut tuba et est uelox sic [illegible] et
est ualde feroce comedens homines. Item dicit [illegible]
libro [illegible] Lupi [illegible] capti sunt [illegible] et [illegible]
catulos sunt magis [illegible] [illegible] et [illegible]
canis. Item libro [illegible] Lupi [illegible] [illegible]
et comedunt carnes et non comedunt herbas
nisi cum infirmantur quia tunc comedunt
aliquam pro medicina. Nam cum lupus [illegible]
se repleuerit quiddam [illegible] [illegible] comedit
[illegible] et [illegible] quod comedit [illegible]
[illegible] qui [illegible] [illegible] [illegible] [illegible] et
[illegible] [illegible] et [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] qui [illegible] est ualde
malus et cum non habet [illegible] [illegible] [illegible]
et est ualde audax et ualde diligit [illegible]
Et si post [illegible] [illegible] [illegible] [illegible] [illegible] et
post comedit [illegible]. Et [illegible] dicit [illegible] lupus
est ualde [illegible] et multum timet ignem et dicit
quod si lapides [illegible] [illegible] [illegible] lapi-
des et si ille lapis [illegible] ei si [illegible]
ipsum [illegible] [illegible] [illegible] non nocuit ei si
[illegible] ipsum [illegible] multum [illegible] eum. Et lupi
quanto sunt seniores tanto sunt [illegible]
et [illegible] [illegible] quia non possunt [illegible] bestias
[illegible] [illegible] et [illegible] [illegible] iam sunt debili-
tati et multum [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] quia [illegible] [illegible]
senectutis [illegible] idem ibidem. Sunt aut
lupi diuersi modi. quidam enim sunt
qui rotundi et quidam qui longi et illi sunt
asperiores pilis et audaciores animo. Et
luporum [illegible] sunt ualde debilia et de
[illegible] [illegible] corruptioni qui [illegible]
[illegible] [illegible] non corporis eorum patitur
multas passiones et habet magna fortitu-
dinem in collo et in capite. Et uulnera
que accidunt ex morsu eorum sunt ualde
mala quia exit uenenum [illegible] et curantur
ista uulnera sicut morsus canis rabiosi
ut dicit idem libro [illegible]. Item idem libro [illegible] os
lupi est maxime apertum et magnum [illegible]
[illegible] [illegible] in [illegible] et est [illegible] ualde [illegible]

Item de lupo dicit [illegible] in libro [illegible]. Sunt
quidam lupi qui naturale habent appetitum comme-
dendi pisces et [illegible] [illegible] que de suis
[illegible] [illegible] piscatores et qui non [illegible]
[illegible] [illegible] [illegible] et piscatores [illegible]
[illegible] ad [illegible] et dilaniant. De
lupis aut dicit Phisiologus uirtus luporum
in pectore et in [illegible] [illegible] [illegible]
[illegible] [illegible] non [illegible] [illegible] [illegible]
[illegible] [illegible] et in nullo [illegible]
[illegible] in [illegible] cum sunt tonitrua [illegible]
astuta est ut non rapiat [illegible] [illegible] [illegible]

Ubi [illegible]
[illegible]
[illegible]
[illegible]
pro vius [illegible]
[illegible]

¶ [illegible]
dicit Solinus [illegible]
tat que [illegible]
Lapides [illegible]
pedes simul [illegible]
fugit. Et [illegible]
auers vius filios [illegible]
timu diligit atque [illegible]
que multum [illegible]
non inveniunt ut capras [illegible]
folia in rubet [illegible]
herbis et foliis latitans [illegible]
astutia quam potentia oues [illegible]
ualet si permittitur totum [illegible]
lat et comedit, partem [illegible]
non potest sub terra [illegible]
et quam [illegible]
effodit, et lana ouis [illegible]
et morsu eius ex lana [illegible]
periculosam reddit ut dicit [illegible] ¶ [illegible]
dicit [illegible] a tota specie [illegible]
ture omine aduersat, [illegible]
li° quod cordula facta [illegible]
iuxta cordulis cythare [illegible]
ouis eas destruit et corrumpit [illegible]
ma aquile adiuncta [illegible]
excoriat et corrodit [illegible]
loco aliquo [illegible] ut dicit [illegible]
sup et aquila, [illegible]
libus et auibus.

De mullo

Mulus a molendo [illegible]
[illegible] pistore [illegible]
[illegible] molas ut dicit [illegible]
aut [illegible]

[illegible]

[illegible]

De [illegible]

[illegible]

[illegible] docet [illegible] masculi protecta[illegible]

[illegible] sic duobus [illegible]

¶ [illegible] ut dicit [illegible] dicuntur [illegible] in domibus [illegible] [illegible] cantibus [illegible] [illegible] quidam [illegible] dormiendo di- [illegible] annum dormiunt [illegible] ut dicitur, [illegible] plurimum [illegible] mures. Et quidam mures [illegible] nobiles et in pluribus [illegible] medicina. Nam ut dicit Plinius [illegible] cinis [illegible] mellis vel [illegible] aurium sedat dolores [illegible] auras [illegible] pro- [illegible] mutum [illegible] te- [illegible] auribus instillare. [illegible] pido [illegible] [illegible] et custodit caput [illegible] super ventrem miro modo [illegible] [illegible] salvamo super [illegible] ad sanitatem perducit.

## De mustella

[M]ustella quasi mus longus est ut dicit Ysidorus [illegible]. Nam telon grece longum est latine [illegible] subdola in domibus [illegible] et eos transfert de loco ad [illegible] mutat [illegible] ab [illegible] persequitur et fugat mures [illegible] eos manducat. Et sunt duo [illegible] alterum est silvestre [illegible] magnitudine quam [illegible] vocant. Alterum in domibus [illegible] opinio quod dicunt [illegible] concipere [illegible] Ysidorus.

¶ [illegible] ratibus et aliis [illegible] transferunt filios suos [illegible] latibulo [illegible] vel mor- [illegible] sanat [illegible] ut dicit [illegible] [illegible] iudicat

pardo [illegible] dicit [illegible] li. 8. q qui pardus infirmatur humana [illegible] quer[illegible] gratia [illegible] et ideo venatores suspendunt [illegible] sup arborem ad quam ut ascendat a venatoribus [illegible]

¶ Est aut aial libidinosum et [illegible] ex ruius adulterio [illegible] leopardus [illegible] supra de leone pardus [illegible] est nimis [illegible] ut dicit glo sup Osee 13.

De pillosis

Pillosi sunt ut dicit glo sup ysaiam 13. monstra sunt ad [illegible] et dicuntur silvestres homines [illegible] et satyri dicuntur. ysydorus aut li. 8. c. dicit pil losi sunt q greci p. [illegible] latini [illegible] appellantur [illegible] ab incendo passim cum aialibus dicti unde [illegible] ab [illegible] bando .i. incendo [illegible] et mulieribus et raro [illegible] quos demones [illegible] appellantur [illegible] sepius [illegible] [illegible] romani [illegible] dicunt [illegible] dicit papias villosi [illegible] a latinis [illegible] glo. sup ysayam 34. [illegible] et pillosus dicitur Symia est [illegible] pillosa [illegible] [illegible] de Symia.

De pigargo aiali

Pigargus est aial [illegible] patit deut. 14. est aial [illegible] et barbatum sicut [illegible] maius vero [illegible] [illegible] sicut [illegible] est aial agreste [illegible] et [illegible] Hugutio tn dicit q pigargus est avis parva et [illegible] a pige [illegible] est [illegible] supponit pro aiali quadrupede quod est [illegible] vero [illegible] ut [illegible] [illegible]

De pigmeis

Pigmei sunt homines [illegible] statura tali quos greci [illegible] pigmeos [illegible] montana [illegible] quibus [illegible] est oceanus ut dicit papias [illegible] [illegible] tantum [illegible] tercio anno [illegible] [illegible] [illegible] a quibus armati [illegible] aliquotiens [illegible]

¶ De pigmeis aut dicit plinius li. 7. [illegible] [illegible] dentes [illegible] [illegible] [illegible] montibus [illegible] [illegible] [illegible] [illegible] ova et pullos [illegible] et [illegible] [illegible] mensibus [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit [illegible] et [illegible] [illegible] pigmeos [illegible]

De porco

Porcus ut dicit ysy li. 12. dicit q [illegible] [illegible] [illegible] [illegible]

¶ [illegible] et [illegible] pillos [illegible] [illegible] ut dicit [illegible] porci alii domestici alii silvestres [illegible] domestici [illegible] [illegible] [illegible] [illegible] silvestres [illegible] dicit ysydorus

¶ De porcis aut dicit plinius li. 8. ca. 51. porci [illegible] [illegible] [illegible] [illegible] et [illegible] vel xx. [illegible] per annos [illegible] [illegible] [illegible] [illegible] plus [illegible] in [illegible] [illegible]

[illegible] potest [illegible]
[illegible]
[illegible] dat ma
[illegible] quatenus
[illegible] quasi
[illegible] ordeum bon
[illegible] maxime
[illegible] accidit tuphis
infirmitas [illegible] dicit branchos et
est apostema in [illegible] et in madibula
[illegible] raro que est extra in illo
loco [illegible] paulatim corruptio
ad [illegible] declinat ad pulmonem
[illegible] suffocat spiritum et reparat augu-
[illegible] infirmitas subito et pa-
[illegible] cognoscunt post infirmitatem
illam [illegible] membrum in quo est ista
[illegible] curari post sine incisura

Alia accidit eis infirmitas que dicitur pon-
[illegible] ipsa moritur maxima

Alia infirmitas est [illegible]
[illegible] ista vix habet remedium
[illegible] in tribus diebus et qui
[illegible] curat eos coniunctim mora
[illegible] aqua eius fuit
[illegible] dicitur sub

Item cibus diversus impinguat
porcos et quidam sibi sufflant et quidam [illegible]
carnem quidam pinguedinem et tam porca
[illegible] in coniunctione glandes
[illegible] rumpat [illegible] tunc si porca
[illegible] aborticiunt [illegible]
[illegible] multa alia refferet de eis [illegible]
[illegible] supra de [illegible] et infra de [illegible].

## De pediculis

Pediculus [illegible] est vermiculus a
pedibus sic vocatus ut dicit ysydorus
[illegible] pedum motu [illegible]
[illegible] et corruptis hu-
moribus [illegible] per poros exsudantibus
[illegible] in [illegible]
[illegible] pediculi et lendes nascuntur in capite
[illegible] quasi [illegible]

[illegible] ut dicit plinius [illegible]
[illegible] mustellam [illegible] basilis-
[illegible] natura [illegible]
[illegible] basilisco [illegible]
[illegible] quia [illegible]
[illegible] et [illegible]
[illegible]
[illegible] mustellarum [illegible]
duo sunt [illegible] et [illegible]
et utriusque [illegible] contra aspides [illegible]
[illegible]
fetida [illegible] ¶ [illegible]
[illegible] contra [illegible] mustella [illegible] et in
cinerem reducta [illegible]
[illegible] est [illegible] contra [illegible]
[illegible] si [illegible] veneno aspidis [illegible]
[illegible] mustelle [illegible]
destruatur [illegible] dissoluit et
dicit idem ¶ Dicit etiam [illegible]
[illegible] contra fistulam [illegible] mustella [illegible]
cum [illegible] non sunt [illegible]
[illegible] ut dicit idem [illegible]
quod mustella pugnat contra [illegible]
utraque [illegible] et [illegible]
motus et [illegible] et [illegible] mo-
biles et instabiles [illegible]
[illegible] rubeum et [illegible] album [illegible]
[illegible] colorem nam in aliquibus regionibus
aliquo tempore tota pellis eius est munda
[illegible] est [illegible]
et virulentus [illegible]
admodum [illegible]

[illegible]ugala

## De migalla

Migale est modicum animal admodum mu-
stelle gulosum rapax et dolosum
nam cum [illegible] rapit [illegible]
comittit ut dicit [illegible]
mansuetum [illegible] fugit [illegible]
[illegible] timore [illegible] et [illegible]
infundit ut dicit Isidorus ¶ De [illegible]
[illegible] equos et mulos [illegible] equi
[illegible] ut dicit
[illegible]

## De murilego siue gatto

M[illegible]

[illegible] diuersis [illegible] et [illegible]
[illegible] cum [illegible]
ubi [illegible] et [illegible]
[illegible] et fulgore [illegible]
[illegible]
[illegible] ut dicit [illegible]
[illegible]
[illegible]
[illegible] et in [illegible]
[illegible] et [illegible]
[illegible]
[illegible] ut dicit
[illegible] ¶ [illegible]
in [illegible] et [illegible]
[illegible] quod [illegible]
[illegible]
[illegible] et multum [illegible]
[illegible]
et [illegible] plus [illegible]
[illegible] in [illegible]
[illegible] et [illegible]
[illegible] ¶ [illegible] et [illegible]
[illegible]
[illegible] ¶ [illegible] in [illegible]
[illegible] et [illegible]
[illegible]
[illegible]
[illegible] ¶ [illegible]
[illegible] et [illegible]
[illegible]
[illegible] et [illegible]
[illegible] et [illegible]
[illegible]
[illegible] et [illegible]

## De noctula

[illegible] noctula

Nictilia est modica bestiola mul-
tiplex et pallida et de que natu-
volatilia composita in tenebris sunt et
sandilla et vivamur circa posturam in
[illegible] plura deformis est et obscura
[illegible]
[illegible] tamen lucifuga est odit
[illegible] solummodo de nocte ambulat
[illegible] que est turpitudine
[illegible] in ca° et nunquam volat.

## De onagro

Onager [illegible] dicit [illegible] asinus ferus
[illegible] affrica [illegible]
[illegible] in desertis [illegible]
[illegible]
[illegible]
[illegible]
[illegible] ut dicit plinius [illegible] onager et asinus
domesticus [illegible] generantur
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] physiologus [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

bestiam vel hominem [illegible] superius
[illegible]
non [illegible] frequentia valde odit
atque fugit solitudines et deserta multum
diligit.

## De onocentauro

Onocentaurus [illegible] glo. sup ysayam
[illegible] est animal monstruosum ex thauro
et asino procreatum. Onos enim grece asinus
dicitur latine. Unde est animal lascivum admodum
asini et [illegible] admodum thauri.
[illegible] physiologus qui dicit ono-
centhaurum esse compositum ex humana
effigie et asinina [illegible] ex umbilico et
sursum sicut homo et ab eodem inferius
tenet formam animalis. Huic rationi videtur
concordare plinius li° 7° ca° 3°. Ludibria
[illegible] nobis fecit ingeniosa
natura ad [illegible] autem eius potentia
satis est prodigiosas posuisse gentes et
[illegible] ca° xp° et multis monstris
et prodigiosis bestiis quas india gignit
sicut [illegible] satyris et onocentauris
et [illegible] quas dicit esse
bestias humana effigie transeuntes.

Alii dicunt centauros fuisse equites thes-
salos qui pro eo quod in equis discurrebat
quodam [illegible] corpus equorum et hominum
[illegible] centauros fuisse [illegible]
[illegible] ut dicit [illegible] li° [illegible]
ubi agit de portentis. Dicitur enim centaurus
grece homo latine. Unde centaurus
dicitur homo et a centauro per additionem
dicitur onocentaurus scilicet dictus eo quod in me-
dia [illegible] asinum esse dicitur. Sicut [illegible]
dicitur monstrum in quo hominum equorum
[illegible] putatur ut dicit idem [illegible].

## De Orix

Orix ut dicit glo. sup ca° p° ysay.
est animal [illegible] ut [illegible]
[illegible]
[illegible]

onus q3 [illegible] orix illaqueatus transmitteret
qui cum [illegible] dicit [illegible] et est alia
incmoda in lege reputata et est bestia sic
[illegible] aquaticus ubi [illegible] que sunt
quedam [illegible] sic dicitur eo quod semper [illegible]
efficit eos [illegible] vero tota dor-
miunt et immobiles quasi mortui manent
et iacent et in estate [illegible] dicit
orix est animal quod [illegible] [illegible] her-
bidet tangit [illegible] et gradat [illegible] qui
dicit sic oryx [illegible] egiptius [illegible] qui
in ortu canicule [illegible] stellam [illegible] qui
incipit estas stat contra [illegible] et [illegible]
contra eam ac si vellet adorare eam
Et hoc facit quasi [illegible] post longam
dormitionem evigilaverit. Et declinatur
hic orix huius [illegible] sicut [illegible]
onix onicis et huius. ¶ [illegible] iuvenalem
vero orix est quedam avis pinguissima que
sua pinguedine [illegible] ut dicit
idem li. 8o ubi dicit Singulus oryx [illegible]
[illegible] ferro. Et [illegible] dicitur
expositores que est avis similis galline af-
ricane vel ipsa gallina [illegible]
aut orix [illegible] secundum illam [illegible]
rismo non in x. declinatur [illegible] vel in
gis [illegible] quatuor [illegible]
[illegible] ut [illegible]
dicit quod orix est [illegible] animal [illegible]
[illegible] reputatur quo ad esum dicit
19o ubi dicitur [illegible]
[illegible] reputabatur
quo ad sacrificium [illegible] plinius autem li. 8o
ca. 53o de animalibus [illegible] dicit sic
Capre [illegible] in [illegible]
[illegible] nam et ea sunt [illegible]
[illegible] que sup [illegible] vasta et
[illegible] magna quibus [illegible] capita [illegible]
[illegible] de rupibus se [illegible] ¶ Sunt
et onagri quorum [illegible]
dicuntur [illegible] et [illegible]
et pigargi et multa alia animalia huius
similia que [illegible] transmittunt et sua
transmarinas [illegible] hoc orix [illegible]

[illegible] capre silvestres et sic ista [illegible]
ut [illegible] non sunt in ysaia [illegible]
quia de malis qui [illegible] imprenabili
[illegible] quod non [illegible]
[illegible] omnis capita [illegible]
[illegible] dormit [illegible]
[illegible] cum sit animal valde timidum [illegible]
[illegible] alio animali [illegible]
in [illegible] ysaye sic dicit [illegible]

## De ove

Ovis est valde mollis [illegible]
[illegible]
dictum eo quod apud [illegible]
[illegible] oves in [illegible]
ut dicit ysy. li. 12o. ¶ [illegible] quedam bi-
dentes vocantur eo quod inter octo dentes duos
altiores habent quas gentiles in sacrificio
maxime offerebant ut dicit ysy. vel dicuntur
bidentes [illegible] biennes .i. duorum
annorum quia tales erant etatis quando ad sa-
crificium offerebantur. Sed potius sic vocantur
a duobus dentibus qui [illegible]
[illegible] Et hic bidens huius bidentis
ut dicit beda. ¶ De ovibus autem dicit sic [illegible]
li. 5o quod pariunt usque ad 8o annos. Et in
li. 6o si [illegible]
septentrionalibus faciunt mares [illegible] si in
meridionalibus [illegible] nascuntur. Et [illegible]
fuerint [illegible] sub lingua ovis talis [illegible]
coloris erit fetus [illegible] agnus et
[illegible] Et quando oves [illegible] ad
[illegible] in aliquo [illegible] dicunt
pastores quod est signum [illegible]
[illegible]
[illegible] in illo anno.
¶ [illegible] oves [illegible]
[illegible]
sal [illegible]
[illegible]
[illegible]
[illegible]
[illegible] ¶ Et oves [illegible]
[illegible] sal [illegible] oves [illegible]

de oue

Nutriunt a filiis et postea accipiant cibu[m] ... multum neque [illegible] ... C[illegible] bella ... aqua [illegible] fuit et in [illegible] ... no aqua [illegible] et [illegible] ... passus in fine diei et motus a[illegible] ... et fortis laboris [illegible] ... C[illegible] cognoscitur que post par[illegible] ... sup quasdam [illegible] ... sup quasdam no et [illegible] ... se no poterit [illegible] ... C[illegible] eius suit et alios qua ... [illegible] multi aquosi natur[illegible] ... [illegible] candidam longam ... [illegible] que amplam ... et que [illegible] et [illegible] ... [illegible] parturit. Et lana [illegible] ... [illegible] panus [illegible] ... [illegible] accipit pediculos. Item idem li. 8o [illegible] quibus plus habundat [illegible] ... [illegible] in aliis quadrupedibus ... [illegible] ... E[illegible] remanserit una sola et fuerit [illegible] ... Item dicit plinius li. 8o ca. 9o [illegible] ... [illegible] Remedium est [illegible] ... C[illegible] supra ... [illegible] et aqua

De p[illegible] pantera

Panthera ut dicit ysi. li. xii. [illegible] ... [illegible] est animal ... [illegible] que valde odit [illegible] ... [illegible] et ad [illegible] ... [illegible] accipit reddit pan[illegible] ... E[illegible] aut bestia ... [illegible] orbiculis sup picta ita ut [illegible] ... [illegible] nigras et albas ac fulvas ... [illegible] tota eius pellis oculata ... [illegible] ut dicit idem. [illegible] modo ... [illegible] ratio est apta ... [illegible] in utero matris ... [illegible] ... et ad [illegible] ... [illegible] ... [illegible] dolore [illegible]

Et ut dicit plinius [illegible] ... [illegible] pariter no possit [illegible] motibus ... [illegible] matris ... hic ysi. li. 12o. ¶ [illegible] panthera aut[em] dicit fisiologus panthera nullum odit drac[onem] ... [illegible]. Cum autem comederit et fuerit saturata se recondit in spelunca et dormit continue fere per tres dies; post triduum a sompno resurgens [illegible] et tunc ab ore eius exit odor aromaticus [illegible] suavis, propter cuius suavitatem [illegible] omnia animalia. Solus aut[em] draco audiens vocem eius per[illegible] in caverna, ut ibi [illegible] odorem [illegible] ipso [illegible] et torpescit, odorem [illegible] reputat sibi pro damno. ¶ [illegible] dicit plinius li. 8o ca. 8o panthera [illegible] et tygris maxime colorum [illegible] varietate decorat. Alia animalia [illegible] colore [illegible]. ¶ Sunt [illegible] in terra qui pantheris in candidis maculis sunt [illegible], in colore aut[em] vario panthere et tigris omnia animalia quadrupedia [illegible] videntur eos, sed deformitatem capitis [illegible]. Qua ob rem caput occultant et pulchritudine reliqui partis [illegible] bestias [illegible] et [illegible] accipiunt et manducant. Et quis sit bestia [illegible] illis qui sibi in aliquo subveniunt [illegible] est ingrata ut [illegible] idem plinius de quodam qui liberavit catulos panthere [illegible] in quadam fovea, que panthera [illegible] cum [illegible] et blandiens ut ibi [illegible] facille apparuit

De pardo

Pardus ut dicit ysi. est bestia velocis sima colore vario orbiculata ut panthera [illegible] ad sangui[nem] et saltu ruit in mortem et habet talem dispositionem sicut panthera [illegible] aliquid ab eo dif[illegible] [illegible] panthera [illegible] maculas albiores ut dicit plinius li. 8o. ¶ De

panthera

de pardo

Salamandra ut dicit plinius li. x° ca. 67° est similis lacerte et stellata numquam apparet nisi in magnis ymbribus et deficit dum in sereno. Huic tantus est rigor ut ignem tactu extinguat sicut glacies. Saniem lacteam ore vomit qui si humani [illegible] corporis toti defluunt pilli et id quod tactum est [illegible] et in colorem turpem [illegible] Salamandra magis genus lacerte [illegible] stellionis animal pestiferum et summe venenosum. Unde ut dicit plinius li. 29 ca. 4° [illegible] arbores [illegible] aquas [illegible] quibus [illegible] mox necat [illegible] totum inficit et corrumpit. Et quamvis tanta sit salamandre vis veneni, a quibusdam animalibus manditur [illegible] inter medios ignes vivit [illegible] Ut dicit [illegible] ymo manducans ignem extinguit et est genus salamandre cuius est villosa et pellosa sicut pelles vituli marini, ex qua alii fiunt [illegible] cinguli ad usus regum qui post longam vetustatem [illegible] sed post diuturnam inflamationem [illegible] et purgati [illegible] ab ignibus [illegible] Et ex illa pelle fiunt [illegible] in lampadibus et lucernis que nullo [illegible] Quere supra in [illegible] anguium [illegible] et [illegible] hic [illegible]

Sanguissuga.

De sanguisuga

Sanguissuga est vermis aquaticus sic dicta eo quod sanguinem [illegible] sugit potantibus insidiatur cum illabitur faucibus vel ubi adheserit sanguinem haurit et cum nimio cruore madidus [illegible] quod hausit [illegible] ut dicit ysidorus li. 12°. Vermis est [illegible] [illegible] corpore [illegible] oblongus et [illegible] Os habet triangulum et in ore fistulam cum qua sanguinem sugit [illegible] [illegible] debet [illegible] in [illegible] sale et sic [illegible] sanguinem hausit venenosum [illegible] aqua tepida et [illegible] calido [illegible] membro [illegible] applicant ad sugendum

Stellio nomen [illegible] colore est cuius dorsum [illegible] quo dicitur stellio [illegible] calotes nomen habet [illegible] ut dicit ysidorus li. 12°. Ubi subiungit: Stellio autem adeo scorpionibus est contrarius ut viso eo pavorem hiis afferat et torporem. Plinius li. 29 dicit quod stellio [illegible] vivit et quamvis sit [illegible] tamen est [illegible] venenosum quia ut dicit plinius li. 29 ca. [illegible] Stellionis [illegible] sit [illegible] Nam [illegible] mortuus in vino [illegible] bibentium [illegible] in [illegible] aqua [illegible] Ut stellio [illegible] pelle et [illegible] et digitos [illegible] ad domos et [illegible] in [illegible] pelle sua [illegible] sicut [illegible] et latitat in [illegible] [illegible] et [illegible] sibi [illegible] et [illegible] ad [illegible] et [illegible] [illegible] Et [illegible] [illegible] li. 9°.

... hinc ... est ... 
... tamen non ... sed tamen ... 
... sublimitati domos ...
... 

## De serpente

Serpens est dictus eo quod occultis ... accessibus non graditur publice et aperte ... ut dicit ... Ubi agitur de anguis ... tamen ... bulgariensis ... Dicebat ... de ... Egidio ... ut ... et sibi ... non ... est serpenti ... pro capite defendendo ubi dicitur ... caro ... hoc dicit quod ... non graditur ... singulis ... loca ... loca ... obliquos ... directo ... et ... non ... absconditur ... in talibus ... non cessat ... quod serpens semper ... ex ... et ... suum ... substinere ... quod ... antequam ... ... ...

## De Symia

Symia a sinc... naribus est sic nominata ... et symias dicimus eo quod ... naribus sunt ... putre ... ... dicit ... similitudine ... quod in multis ... hominis imitantur ... est ... ut dicit ysy. li. 12°. et ... symie ... sunt ... quod nova luna

exultant, media et cava tristantur ... duos ... quam plus diligunt ... et in ... sibi ... ad ... portatum ... et ... ad ... reddat, et ... venatore ... ut dicit ysy. ... ut dicitur ... quibus ... caudas habent symias ... sunt et alie ... dicte ... caudis sunt ... corpus habent symias. Sunt et spinguiloste ... et ... promunentibus ... ad ... sunt ... Sunt et satyri ... admodum grata et gesticulantibus motibus ... Sunt et ... toto ... distant. Nam in facie ... producta barba et lata cauda ut dicit ysy. ... dicit plinius li. 8°. ca. 99°. Ubi dicit symiarum ... proxima ... distinguuntur ... sola ... calciare se solent ... a venatoribus ... dicitur, et sic facile capiuntur. Nam dum se volunt calceorum ... et ... ante venatores suis pedibus ... possunt se a calceis ... a venatoribus ... rapiuntur. Item plinius ... symiam ... maxima est affectio ... intra domos catulos ... hominibus demonstrat ... et ... et ... plinius, dicit tamen ... li. 12°. Sunt in india ... toto corpore ... quos ... capiunt et ... De symia.

aut dicit Aug[ustinus] li. 2. [illegible] Symia in[illegible]
forma cum homine et in [illegible] [illegible] lupo
et sunt aliqui [illegible] [illegible] motum
atque [illegible] [illegible] sicut [illegible]
canum et morsus maliciosus. Alie sunt
villose ante [illegible] [illegible]
[illegible] sunt sicut [illegible] [illegible]
habet sicut homo et oculos [illegible] a
[illegible] et acutos et manus in pectore
manus et pedes [illegible]
[illegible] sicut homo et per ambulare
super pedes duos, et hec habet [illegible] mala
pre homine, et maxime quadrupedia
ut dicit Aug[ustinus] [illegible] [illegible] aut [illegible]
mulieri, et virga masculo post sicut
[illegible] interiora eius sicut homo [illegible]
usque [illegible], hec [illegible] dicit [illegible]
2°. Ubi dicit sunt aialia [illegible] in
[illegible] hominis quadrupedia ut Symia
Ubi [illegible] omnia supradicta. Est itaque
Symia monstruosa [illegible] [illegible] nature
[illegible] discipline susceptiva, [illegible]
ad saltandum et variis modis ludendum
informatur. Bestia si quidem est indomita
et maliciosa ex natura, sed verbis et [illegible]
nis per violentiam domatur. [illegible] op
[illegible] sine [illegible] ut [illegible] dis
currere permittitur, ut eius insolentia re[illegible]
matur. Cibis hominis vescitur et [illegible]
dis delectatur, propter quod in [illegible] [illegible]
[illegible] querit quos invenerit in os pro
[illegible] non dignatur. Symiarum [illegible]
[illegible] leo, quia eius esu dicit [illegible]
[illegible] qui gravissime infirmatur, ut
dicit [illegible] ysy. et plinius. [illegible] supra
de leone.

De sirenis

Syrena, sirene vel ex sirenis [illegible]
dicitur monstrum marinum quod [illegible]
dulcedine sui cantus ad trahit ad
periculum. Unde dicitur a sirene quod est tra
ctus ut dicit Hugutio. Glo[illegible]
2° dicit Syrene sunt serpentes
[illegible] et [illegible]. Alii aut dicunt quod sunt
pisces marini in specie mulieris [illegible]
[illegible] aut dicit [illegible] Syrene sunt [illegible]
[illegible] [illegible] volantes et cristati [illegible]
quidam putant. ysy. [illegible] Ubi
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] volucres, [illegible] et alas [illegible]
[illegible] quarum una voce altera tibia
tertia lira cantat que [illegible] navi
[illegible] sub specie cantus ad naufragium
pertrahebant. [illegible] autem [illegible]
[illegible] [illegible] que [illegible] [illegible]
[illegible] ad [illegible] [illegible] [illegible] ad
naufragium navigantibus. Dicit aut
ysy. in arabia sunt serpentes cum alis
que syrene vocantur, que plus currunt
quam equi, [illegible] volare dicuntur [illegible]
[illegible] [illegible] [illegible] dolor [illegible]
[illegible]. De syrena dicit phisiologus: Sy
rena est monstrum marinum [illegible]
[illegible] et [illegible] forma [illegible]
inferius figura piscis. Hec bestia [illegible]
[illegible] gaudet, in [illegible] [illegible] dolor [illegible]
dulcedine cantus facit dormire navigantes
quos [illegible] ad navi[illegible]
[illegible] [illegible]
[illegible] ad [illegible] [illegible]
[illegible] Et si volueris vel non
potueris [illegible]
[illegible]
[illegible] Alexander

De scorpione

Scorpio ut dicit ysy. li. 12. est vermis terrenus habens in cauda aculeum arcuatum, et ideo dictus quia cauda figit et arcuato vulnere venena diffundit. Et est proprium eius ut palmam manus non feriat neque ledat ut dicit idem. Et dicitur scorpius a scor[illegible] quod est dulce ut dicit idem. Et [illegible] quod est fugere, quia in anteriori parte [illegible] fugere et in posteriori [illegible] dicit [illegible] similitudo [illegible] aculeus [illegible] Item scorpius dicitur signum in celo, quia sole existente in illo signo [illegible] frigoris aculeos [illegible]. Oratius [illegible] tantos [illegible]. Item scorpio est sagitta [illegible] [illegible] ad [illegible] dum [illegible] et [illegible]

Scorpius est [illegible] sagitta flagellum [illegible]. De scorpionibus autem dicit plinius li. xi. ca. [illegible] Scorpiones [illegible] [illegible] post [illegible] et [illegible] scorpionis [illegible] et post [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cauda [illegible] est [illegible] nulloque [illegible] [illegible] obliquo ictu [illegible] [illegible] Apollodorus auctor est [illegible] scorpio

[illegible] quidam [illegible] et [illegible] sunt [illegible] [illegible] [illegible] magis est [illegible] in [illegible] [illegible] quidam [illegible] cauda, et quo plura tanto [illegible] sunt [illegible], et alii sunt [illegible] alii sunt [illegible] [illegible] apollodorus, quosdam in affrica [illegible] et illi sunt [illegible] et hos quidam [illegible] questus [illegible] [illegible] illos scorpiones [illegible] in italiam [illegible] [illegible] nullatenus [illegible] potuerunt [illegible] tamen alii in ytalia [illegible] sunt [illegible] In [illegible] [illegible] [illegible] qui [illegible] [illegible] in aqua post ictum se [illegible] homini a scorpionibus [illegible] cinis eius potatus in vino est remedium [illegible] in oleo [illegible] [illegible] [illegible] nullum animal [illegible] scorpio [illegible] sanguine. Et sunt quidam scorpiones qui pariunt [illegible] quos [illegible] [illegible] minor quam magis est [illegible] [illegible] [illegible] cauda et [illegible] [illegible] et [illegible] ultor [illegible] et [illegible] [illegible] nimis [illegible] plinius li. [illegible] Dicit autem [illegible] li. 17. quod scorpiones qui [illegible] sunt [illegible] quidam [illegible] scorpionibus et illi sunt [illegible] contra [illegible] scorpionum [illegible] sunt [illegible] ut [illegible] supra li. [illegible]

circius facit [illegible] et [illegible] sup quem locum dicit [illegible] quedam pedi culi [illegible] et tales sunt rubei [illegible] quidam [illegible] et hij sunt molles et albidi quidam [illegible] et [illegible] longi [illegible] quedam [illegible] et illi sunt [illegible] subnigri [illegible] et [illegible] tarde [illegible] autem est nimia pediculorum multitudo in corpore multum [illegible] et [illegible] signum solet esse [illegible] [illegible] sunt [illegible] pediculorum autem [illegible] valet capitis frequens ablutio [illegible] et [illegible] moderatio. Nam ut dicit Const. Argentum vivum cum [illegible] et hoc [illegible] si [illegible] facit litargirum [illegible] cum oleo et aceto [illegible] valet stafisagria et [illegible] cum oleo et aceto [illegible] autem [illegible] alium sunt [illegible] pediculorum ut [illegible] in porco [illegible] pediculus dicitur [illegible] sic dictus quia [illegible] Nam ubi [illegible] dicit [illegible] locum ardet et ibi [illegible] ut dicit ysy. li. 12°. Est autem pediculus [illegible] levitate [illegible] autem [illegible] plus [illegible]

De pulice

Pulex [illegible] est [illegible] ma ximum [illegible] dictus [illegible] quia [illegible] pulvere maxime nutritur ut dicit ysydorus li. 12°. Est autem [illegible] levitate [illegible] saltu [illegible] periculum et [illegible] autem [illegible] insolescit [illegible] autem [illegible] tibus que [illegible] [illegible] multiplicatur [illegible] per orationem [illegible] pulices [illegible]

quidam [illegible] sanguinem [illegible] suggendo [illegible] [illegible] voluntarie [illegible] nec etiam [illegible] [illegible] pulices [illegible] molestiam [illegible] [illegible] est [illegible] ut dicit Const. [illegible] valet contra pulices si [illegible] cum aqua et [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] pro [illegible]

De rinocerote

Rinoceron grece cornu latine in nare interpretatur [illegible] [illegible] [illegible] sic appellata [illegible] in media fronte [illegible] acutum et validum [illegible] quod [illegible] aut [illegible] ut dicit ysydo li. 12°. Nam cum elefantibus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] sunt cornu ferat id [illegible]
[illegible] comparat et in diuturnitate
[illegible] alius [illegible] elephans [illegible]
esse corporis [illegible] longitudo [illegible]
et ut equo [illegible] [illegible]
color cuius est buxeus, et [illegible]
[illegible] huius fere multe sunt species
[illegible] monoceron, et [illegible]
[illegible] ut dicit Solinus bestia [illegible]
[illegible] aspera [illegible] in corpore
[illegible] pedibus elephanti [illegible]
[illegible]
[illegible] in media fronte
[illegible]
[illegible]
[illegible] dicit latine [illegible]
quod est [illegible]
est animal [illegible]
in medio frontis [illegible]

Item dicit Plinius [illegible] in India [illegible]
[illegible] candidas maculas
et solidas [illegible] sicut equus et asini
quidam [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] monoceron
[illegible]
[illegible] monoceron
[illegible]
[illegible]
[illegible]
[illegible]

De rana

Rana [illegible]
[illegible]
[illegible] reddit in paludibus
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] que sic sunt vocate quia
[illegible] et [illegible] in calamis
[illegible] et [illegible] pre [illegible]
et [illegible] sunt [illegible]
rane [illegible] moratis
[illegible] et sic sunt vocate. Est aut quedam
species rane que [illegible] in os canis facit
obmutescere. Et hoc multi negant ut dicit
[illegible] Item rana dicitur sic
[illegible] quia lingua propria, qua auctem
lingua sua applicat ori suo, et qui ligat
sicut ceteris linguis piscium, sed potius
et [illegible] ad [illegible] linguam, et absolutam
et propter hoc est rana vocem propriam, et
est vox sua vox et non facit hoc nisi
in aqua tantum. Et proprie masculus tempore
[illegible] clamat feminam, quia quodlibet
animal [illegible] vocem [illegible] et clamat tempore
[illegible] rana [illegible] multiplicat vocem
qui ponit mandibulam inferiorem equaliter
in aqua et extendit superiorem, et per [illegible]
sionis [illegible] duarum mandibularum sicut
[illegible] et [illegible] et hoc de
nocte maxime, quia magis de nocte [illegible]
[illegible] de die. Et omnes pisces nutriunt
pullos suos preter rana, ut dicit [illegible]
[illegible] in aqua formantur
rane [illegible] totaliter est caput [illegible] quedam
[illegible] ad modum [illegible]
[illegible] dilatatur totaliter in [illegible], et
sublata cauda [illegible] pedes, et sic in
animal quadrupes transformatur [illegible]
rane omnes preter bufonem, vel rubetam
potius saltu quam gradiendo, tamen [illegible]
rubeta raro salit. Rana igitur aquosa
est seu paludosa, clamosa, limosa, ven-
tosa, tumorosa, sub ventre maculosa
venenosa et [illegible] abhominabilis [illegible] est
et maxime odiosa [illegible] terrea [illegible]
parit et in aqua

De Salamandra

morbis et vermis

De sue

Sus ut dicit ysy. a subigendo est dicta, eo quod rostro terram subigat [illegible] terram querit, sic subigat et subiectis dentibus proximat ad radice[s]. Plinius autem li. 8o ca. 51o dicit [illegible] prius vero brevi [illegible] parit quatuor [illegible] in utero [illegible] filios quos producit [illegible] et alii omnes durat et [illegible] illa cuius magis diligit qui [illegible] qui et magis est [illegible] et ei semper prima mamilla [illegible] dicit plinius Solinus et [illegible] li. [illegible] ¶ Est animal immundum et gulosum; amat [illegible] quodlibet fetidum et immundum, balneum putat lutum, et revolvendo se in luto et [illegible] impinguat corpus in [illegible] ¶ Et septima pars sui [illegible] transit in pellem et in sanguinem [illegible] et cum parit [illegible] et [illegible] quod [illegible] in [illegible] et [illegible] est [illegible] et pugnat pro [illegible] lupum. Alias eius proprietates quere in [illegible] et in [illegible]

De thauro

Thaurus est bos masculus sive [illegible] ut dicit ysy. et est grecum nomen, sicut bos indicus est thaurus ut dicit idem li. 12o. Est color fulvus et [illegible] [illegible] pillus in [illegible] caput [illegible] flexibilitate quod nollet [illegible] [illegible] respuit [illegible] [illegible] sub arbore [illegible] alligatur [illegible] amittit [illegible] et subito mansuescunt ut dicit ysy. li. 12o. [illegible] ¶ Est animal [illegible] et [illegible] fortitudo est in collo et in cornibus et [illegible] Dicit plinius li. 8o ca. [illegible] generositas thauri patet in aspectu et in torua fronte et in [illegible] et in cornibus et [illegible] dominationem [illegible] tota [illegible] in prioribus [illegible] stat [illegible] in [illegible] [illegible] et [illegible] talis [illegible] [illegible] mac[illegible] ut dicit [illegible] li. 2o. ¶ Thaurus [illegible] [illegible] pater [illegible] [illegible] [illegible] stat ut dicit [illegible] alios [illegible] [illegible] thauri [illegible] et [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] et post [illegible] ad manducandum [illegible] et [illegible] [illegible] [illegible] et [illegible] [illegible] thauri li. 8. [illegible] [illegible] [illegible] [illegible] [illegible] li. [illegible] [illegible] pugnat thaurus et [illegible] [illegible] et in [illegible] [illegible] multitudine [illegible] et pugnat contra [illegible] et qui [illegible] [illegible] [illegible] ¶ Et thauri [illegible] post [illegible] post [illegible] et [illegible] thauri [illegible] [illegible] sublatis testiculis [illegible] et [illegible] [illegible] et aratrum iugo mansuescit ¶ [illegible] ut dicit [illegible] li. [illegible] [illegible] dicit quod thauri [illegible] [illegible] ligamenta [illegible] [illegible] in [illegible] omnia animalia [illegible]

[illegible] molestiam [illegible] thauri [illegible] mortem [illegible] plures thauri [illegible] ut dicit plinius li. 8° [illegible] sequitur thaurum [illegible] silvestres [illegible] et [illegible] fulmine [illegible] ad [illegible] mobiles [illegible] in pugna [illegible] tergum hic dure [illegible] ita quod vulnerari non pot [illegible] venantur [illegible] possunt capi [illegible] capti [illegible] moriuntur

De tragelapho

T[illegible] est [illegible] dictus [illegible] elephantos [illegible] dicit ysy. li. 12° trage [illegible] hic [illegible] et [illegible] barbe [illegible] dicit [illegible] li. 2° [illegible] animalia hic [illegible] qui tragelaphus dicitur [illegible] ad [illegible]

De talpa

Talpa est quedam bestiola [illegible] de qua dicit ysy. li. 12° quod est dampnata cecitate [illegible] oculis [illegible] terram fodit et [illegible] et radices sub terra [illegible] odit [illegible] pellem [illegible] et [illegible] digitos [illegible]

Experimentator autem de talpa dicit sic [illegible] oculos preter talpa que non habet oculos [illegible] vestigia latentium oculorum [illegible] et timet [illegible] oculos in morte [illegible] que [illegible] clausos habet in [illegible] dicit ad hoc plinius li. [illegible] talpe [illegible] terra [illegible] et si hominem audierit loqui [illegible] fugiunt

De taxo

Taxus est [illegible] animal [illegible] ad [illegible] cuius pellis valde [illegible] et [illegible] ut dicit [illegible] super [illegible] in [illegible] ad [illegible] ¶ De hac bestia [illegible] de taxo [illegible] dicit plinius li. 8° ca. 39°. Et [illegible] quedam solertia [illegible] canibus insequuntur anhelitu et flatu [illegible] tunc cutem extendunt, et sic morsus [illegible] futura [illegible] tempestatem, et ideo sibi faciunt cavernas subterraneas [illegible] aquatilis obturant [illegible] villositate [illegible] et aptum [illegible] ¶ In estate autem latibulis suis providet in pastu contra hyemem, et si quis [illegible] cibus [illegible] pro cibariis [illegible] sompnus ut dicit idem. ¶ [illegible] et [illegible] animalium que in hyeme se abscondunt et pro magna parte et sompno [illegible] ut supra [illegible] dictum est [illegible] ¶ Est autem quedam species taxi ut dicit phisiologus qui solitus cibos contra hyemem [illegible] femina recolligit et reponit [illegible] hyemus [illegible] masculus, et cibo collecti [illegible] ab esu recepit et ipsam saturitatem non [illegible] que parum [illegible] et [illegible] taxo masculo [illegible] latent [illegible] per [illegible] latibula intrans ignorante masculo [illegible] et [illegible] aggregatos cibos [illegible] et consumit [illegible] bestia [illegible] dicit idem [illegible] odit et [illegible] pellem [illegible]

non pot[est] [illegible] se [illegible] et [illegible] [illegible] latibula [illegible] [illegible] ditis tam [illegible] [illegible] filiorum [illegible] [illegible] aliud [illegible] et alia [illegible] nemo sibi [illegible]

De tygride

Tygris est bestia ad fugam velocissima quemadmodum sagitta, sic enim Persae sagittam vocant, ut dicit Ysi[dorus] li[bro] 12. Est enim bestia variis distincta maculis, virtute et velocitate mirabilis. Ex huius nomine fluvius Tygris appellatur, eo quod rapidissimus omnium fluvius. Tygrides enim magis Yrcania gignit. Unde Ysi[dorus]. Dicitur autem hic tygris, huius tygridis, pro bestia; et pro fluvio hic tygris, huius tygris declinatur. Cuius supra de fluminibus. ¶ De tygride autem dicit Plinius: tygrides vel tygres Yrcania undique fert, quae sunt animalia tremenda velocitate et maxime cognoscitur dum capitur. Totus enim eius fetus, qui semper numerosus est, ab insidiante venatore rapitur et in equo velocissimo subito deducitur. At ubi fera spoliatum [illegible] cubile vacuum repperit [illegible] per odorem [illegible] catulos investigans. Venator autem audiens fremitum insequentis abicit unum catulum quem illa tollit et ad suum cubile, quo reposito in cubili, iterato cursu iterum reddit contra raptorem, cuius assiduis [illegible]. Et illa vexata et frustrata frequenter pro nihilo ultra [illegible], ut dicit Plinius li. 8 ca. 19. [illegible] dicit [illegible] non curat qui dicit omnes catulos [illegible] specula magna in itinere derelinquit quae matre insequente in via invenitur [illegible]

[illegible] de sua imagine filios esse credit. ¶ Et vero [illegible] suam umbram [illegible] et vera filiorum ipsius [illegible] [illegible] dat raptori spatium fugiendi. Et sic per umbram decipitur ne raptorem pro catulorum liberatione sequatur.

De tynea

Tynea, ut dicit Ysydorus, est vermis vestimentorum, huius dicta [illegible] et usque eo [illegible] corrodit et ex vestimentis [illegible] gignitur [illegible] [illegible] comperitur [illegible] profunditatem [illegible] in ipso [illegible] explicat [illegible] insensibiliter [illegible] ipsa panni [illegible]. Et cum sit insensibiliter [illegible] infra pannum [illegible] occultat quod vix videri unquam oculis [illegible] [illegible] fugiunt et ad vestes [illegible] non accedunt. Et eo folia lauri [illegible] et huius [illegible] vestes ibi repositas [illegible] ¶ Et enim quandam [illegible] tenacitatem [illegible] tynea est dicta [illegible] quia [illegible] supra [illegible] infra [illegible] capitis [illegible]

De teredone

Teredones appellantur vermes [illegible] terendo edunt, ut dicit Ysi. li. 12. [illegible] in arboribus [illegible] in [illegible] [illegible] humiditate.

que separata [illegible] nam corporibus
[illegible] dicit [illegible] propter
suis superfluitatis non requirit a natura.
Et ideo [illegible] ut talis superfluitas
corruptiva [illegible] in [illegible]
[illegible] supra [illegible]
[illegible] tercio [illegible] lignum [illegible]
[illegible] et [illegible] et [illegible]
[illegible] durissima ligna [illegible]
[illegible] exposita [illegible] luna
[illegible] Burnacho.

De te[illegible]

T[illegible] animal sic dictum eo quod
tegmine teste sit opertum in camere
modum ut dicit Ysidorus libro 12°. Et sunt
quatuor genera scilicet terrestres, et lutarie scilicet in
paludibus viventes, et fluviales.
[illegible] marine testudines [illegible]
[illegible] ut dicit Ysidorus libro [illegible]. ¶ De testu-
dine [illegible] libro [illegible] de animalibus

De tortuca

T[illegible] ut testudo [illegible]
[illegible] quod intra testas duras
[illegible] quas se recolligit
quando ab aliquo molestatur. ¶ [illegible] autem
[illegible] duplex scilicet fluvialis et
terrestris. Fluvialis autem tortuca
[illegible] terrestris
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] est animal quadrupes.
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] assumptum

vult bullentem [illegible] et pisces et consumit.
¶ De tortuca autem marina dicit Aristoteles libro 7°
tortuca magis [illegible] comedit.
Et cum [illegible] est tortuca [illegible] ore [illegible]
aliis quando accipit lapidem in suo ore
frangit eum et exit ad ripam et pascitur
herbis ita quod desiccare dorsum superficies
a sole [illegible] est quod [illegible] ad pre-
fundum [illegible]. Animal huius squamam
aut plumam aut corium non habet [illegible]
propter paucitatem potus et superfluitas potus
quia superfluitas potus transit in plumas
et alias partes tortuca. Quando pulmo tortuce
silvestris est maior quam debet esse, quando cor-
pus continetur in testa spissa, et propter hoc
non dissolvitur nisi in [illegible] et propter
hoc fuit in tortuca vesica ut recipiat
superfluitatem sicut vas sed valde parva
est vesica enim est omnibus animalibus habentibus
pulmonem sanguineum. Et ideo sola tor-
tuca inter animalia habentia duros cortices habet
vesicam et renes.

De vacca

Vacca thauri est femina quae boacca
ut dicit Ysidorus libro 12°. Est animal
lascivum et luxuriosum quod ut dicit Aristoteles
libro 6. Vacce post annum moventur ad coitum
et faciunt post octo menses, et tempus impre-
gnationis est per novem menses, et partus
erit in [illegible] et vacce coitum affectant
maribus et efficiuntur silvestres, ita quod non
possunt eas domare pastores, et [illegible]
[illegible] manifestatur per timorem [illegible]
et suos mugitus [illegible] quando vacce [illegible]
[illegible] et coitum et saliunt super thauros
et sunt [illegible] et stant [illegible]. Item in [illegible]
[illegible] dicunt [illegible] quod tempus impregnationis
[illegible] est decem mensium, et si ante hoc
tempus pariat fetus non vivit, nec [illegible]
[illegible] complebunt et in maiori parte
pariet unum et [illegible] duos, et [illegible] vi-
vit in maiori parte xv annis et mares
[illegible]

Et vivit xx annis et post pictu habet lac bonum. nec autem nihil [illegible] habuerit nihil [illegible] valet. Et non [illegible] coagulatur lac vacce [illegible] post lavacrum hoc accidit ei non mitigatur aqua [illegible] anni raro [illegible] tauro nisi post annum. Et quod vacce [illegible] impugnant et faciunt plures filios [illegible] est [illegible] putant [illegible] quod in [illegible] plurima multa [illegible] est in grege vivunt et si a grege recesserint semper pereunt quia a bestiis silvestribus comeduntur. Item omnia animalia sunt [illegible] fortiores et grossiores in masculis temporibus [illegible] masculis grossiores. Item ut dicit [illegible] vacca habet cornua fortiora et grossiora et magis nodosa quam masculi non tamen ita magna. Et si calcitrat [illegible] [illegible] in [illegible] et [illegible] infirmitatem in pedibus [illegible] est medicina [illegible] cum oleo et pice et aliis medicaminibus [illegible]. Item dicit [illegible] quod vacce diligunt bibere aquam claram et turbidam [illegible] diligunt. Et eis accidit podagra et ex hac infirmitate moriuntur et [illegible] est quod submittunt aures suas et [illegible] ut dicit [illegible]. Vacca [illegible] [illegible] abiens [illegible] pasta [illegible] subversa in fimo proprio [illegible] pinguescit. Et quod plus ei a labore [illegible] torpet amplius et pinguescit [illegible] te [illegible] [illegible] bovina [illegible] exigit et miro modo in [illegible] per campos [illegible] [illegible] et discurrit.

## De vacca agresti

Vacca alia est agrestis et [illegible] dicitur [illegible] et [illegible] vacca in terra parthorum [illegible] in collo sicut equi et est corpus eius ad quantitatem [illegible]. Unde a multis equus [illegible] et talis vacca caret cornibus et [illegible] in montanis et est silvestris et habet [illegible] os [illegible] sunt [illegible] [illegible] cornua vacce et [illegible] vacca admodum [illegible] et sunt [illegible] [illegible]

sicut cornua capre et in corde eius [illegible] os sicut in corde cervi [illegible] et illud os quod [illegible] sanguis [illegible] motu [illegible] cordis et est [illegible] [illegible] ad [illegible] [illegible] exigit [illegible] [illegible] et discurrit. Item dicit [illegible] [illegible] [illegible] quod non possit [illegible] [illegible] [illegible] aliud [illegible] [illegible] [illegible] et agrestis [illegible] [illegible] [illegible] [illegible] magnitudine [illegible] [illegible] [illegible] hoc dicit [illegible] vacca agresti aliud [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] de bove et buballo et est bos agrestis.

## De vitulo

Vitulus quod [illegible] dicitur [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] sicut equo in fronte [illegible] [illegible] quam magis [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] ad [illegible] [illegible] [illegible]. Item dicit [illegible] et [illegible] pullo [illegible] [illegible] [illegible] vitullus matrem [illegible] sequitur et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lacte [illegible] [illegible] et discurrit. [illegible] dicit [illegible] [illegible] [illegible] vituli [illegible] post [illegible] annum et si non [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] modum [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] ad [illegible] [illegible] ligature [illegible] donec exeat sanguis [illegible] accidit

apostema [illegible] testiculi abscissione
et [illegible] super apostema [illegible]
sanat. Est autem in mari quedam belua huius
similitudinis [illegible] quod vitulus marinus
[illegible] in terra [illegible]
et [illegible] nisi [illegible]
[illegible] magnus [illegible] et non autem [illegible]
[illegible] ad mare [illegible]
[illegible] ad natandum et difficulter
[illegible] illeso [illegible]
[illegible] quod vituli [illegible]
[illegible] magna [illegible]
[illegible] et [illegible]
[illegible] producunt se
[illegible] et [illegible]
[illegible]
[illegible]
[illegible] somnum provocat si supponatur
[illegible] plinius libro 8 capitulo 12.

De urso

Ursus est [illegible] ore suo [illegible]
[illegible] ut dicit ysidorus libro 12.
[illegible]
[illegible]
[illegible] forma
[illegible] hoc in [illegible]
[illegible] xxx die [illegible]
[illegible] informes [illegible]
[illegible]
[illegible]
[illegible] ut dicit ysidorus
libro 12 capitulo 2 [illegible]
[illegible]
[illegible] plinius
libro 8 capitulo 2 [illegible]
[illegible] vulgari [illegible]
[illegible]
[illegible] ab [illegible] et
[illegible]
[illegible] et sunt [illegible]
[illegible] et informes [illegible]
[illegible] pilo
[illegible]
paulatim [illegible]
quidam [illegible] ursos [illegible]

ideo mares [illegible] diebus [illegible]
[illegible]
[illegible] ramis et frondibus [illegible]
[illegible] primis
[illegible] diebus his septem tam gravi sompno
[illegible] ut nec vulneribus valeant
excitari et tunc pinguescunt miro modo
[illegible] profluvium. Capi-
[illegible] post hos dies [illegible]
[illegible] fetus fugiendo
[illegible] ad [illegible] fovet et [illegible]
sue [illegible] dolores. Apertum est autem
dictum quod credit Theofrastus [illegible]
[illegible] coctas [illegible] si fuerint
nec [illegible] in alio aliquo sibi [illegible]
[illegible] modicum [illegible] humoris [illegible]
[illegible] et nihil omnino
in [illegible] tempore [illegible]
[illegible] et tunc [illegible] sunt pingues
[illegible] est occulta [illegible] cum
[illegible] nec sompno nec cibo sunt
[illegible] post hos dies bis septem [illegible]
[illegible] quandam herbam [illegible]
quam comedunt ut laxant ventrem
qui [illegible] tunc constrictum. Oculi eorum
tunc hebetantur et ideo tunc maxime [illegible]
petunt favos apum ut os [illegible]
[illegible] apum sanguinando relevat
[illegible] et dolorem. Caput habet debile
quod est fortissimum in leone. Et [illegible]
[illegible] propter [illegible]
super arena [illegible] moriuntur. [illegible]
[illegible] Et [illegible]
capita [illegible] in [illegible]
[illegible] aliqui [illegible]
in [illegible] quotannis [illegible] pugnat
contra thauros et [illegible] capiunt [illegible]
[illegible] suspensi [illegible]
[illegible] et tunc [illegible]
et occidit [illegible]
[illegible] ad maleficia sicut [illegible]
plinius libro 8 capitulo 17. De [illegible] autem
dicit [illegible] libro 16 [illegible] Ursus inquit omnia
indifferenter comedit [illegible]
[illegible] arbores et [illegible]

mel. Illi insiliunt apes oculos eius et
pungunt linguam vel labia que figunt pu
et [illegible] [illegible] et formicas [illegible] me-
dicina et comedit [illegible] [illegible] magis
fortitudinem et pugnat cum [illegible]
pecerit [illegible] et cum [illegible] et pro-
strauit eos et ludit [illegible] [illegible]
et trahit manibus [illegible] et [illegible]
Est autem animal impaciens et [illegible]
se vindicare de singulis qui tangit eum
Et ideo si aliquis [illegible] se [illegible]
si alius eum tetigerit dimittit [illegible]
statim inuadit Et si tractus eum statim
lesserit dimittit [illegible] et [illegible]
contra tactum [illegible] et in [illegible]
ut aspectu [illegible]
gatur, et luctu [illegible] et [illegible]
demonstrat. Animal est instabile et multum
inquietum. Nam tota die currens circa
stipitem, ad quam vinculis alligatur [illegible]
suos surgit et lambit et [illegible]
[illegible] stat stans super arbores
usque ad altissimas ipsorum arborum summitates.
Solent autem mellificare apes in arboribus
concauis, quarum fauos [illegible] ursus
per odorem ascendit ad locum mellis et factis
unguibus in arbore aperturam extrahit mel
et comedit. Et ex consuetudine frequenter
cum esurit ad locum redit quod attendentes
venatores circa arborem sudes et pa-
los acutissimos undique configunt. Aliquando
aptum malleum valde ponderosum [illegible]
[illegible] suspendunt [illegible] itaque ursus [illegible]
[illegible] et mel extrahere cupiens per malleum
impeditur qui [illegible] malleum a se [illegible]
impetuosius [illegible] [illegible]
et tamdiu contra [illegible] malleum
se [illegible] quousque [illegible]
capit quod [illegible]
[illegible] super pullos [illegible]
istum modum venandi [illegible] narrat [illegible]
[illegible] et [illegible] modus [illegible] venatoribus
[illegible]

De vesa

Vesa autem bestia [illegible]
[illegible]
[illegible] et [illegible]
[illegible] lambit [illegible]
[illegible] saepe [illegible]
se [illegible]
[illegible] et usque ad filios [illegible]
[illegible] accidit ut dicit [illegible]
[illegible] se abscondit et [illegible]
[illegible] etiam [illegible]
patitur et voluptas [illegible]
[illegible] accidunt [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

De vulpe

Vulpes est dicta quasi volupes est enim
volubilis pedibus [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
et [illegible] ut dicit [illegible] vulpes
semper claudicat, et [illegible]
[illegible] sinistra [illegible]
vulpem [illegible] et pilosam [illegible]
[illegible]
[illegible] contra taxum
pro mansione pugnat et [illegible]
[illegible]
[illegible] dolo et [illegible]
[illegible] triumphat [illegible]
subterranea inhabitat et frequentat
[illegible] plus silvestria [illegible]
et [illegible] et ut dicit [illegible]
[illegible] est vulpes et pugnat contra
[illegible] contra taxum et [illegible]
[illegible]
[illegible] taxum [illegible]
vulpes [illegible]

dicit [illegible] [illegible] gener[illegible]
filios [illegible] [illegible] et lupus et [illegible]
[illegible] [illegible] Item ut dicit [illegible]
Solinus in quibus manentibus [illegible]
tibus filios [illegible] causa est [illegible]
[illegible] [illegible] usque ad [illegible]
[illegible] [illegible] mat[illegible] [illegible]
[illegible] situs nasi [illegible]
[illegible] proprietas [illegible] forma
[illegible] [illegible] [illegible]
[illegible] suas ut dicit [illegible] [illegible]
[illegible] [illegible] et corruptum [illegible]
[illegible] [illegible] et corrupta ubi [illegible]
[illegible] [illegible] [illegible] et
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] ut dicit
plinius [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
non post [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] multitudo [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] aliqua [illegible]
[illegible] [illegible] multum [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] ut dicit plinius [illegible]
[illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] dicit [illegible] [illegible]
[illegible] [illegible] ad lapidem [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] plinius [illegible] [illegible] [illegible]
opinionem [illegible] [illegible] [illegible]
[illegible] [illegible] dicit tamen [illegible]
[illegible] [illegible] in [illegible]
[illegible] talis non [illegible] ut dicit [illegible]
[illegible] [illegible] [illegible]

De verme

Vermis est animal quod sepius generatur [illegible] [illegible] ut olerib[us], p[ro]creat[ur]
Alii ex fleumatico humore corruptione, alii
ex fecis compositione et alii tamen ex ora
tione ut in [illegible] et in scorpionibus
ut dicit [illegible] V[ermis] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
quia [illegible] [illegible] partes oppositas se tra
hit [illegible] [illegible] squamas
[illegible] [illegible] in adversas partes
[illegible] [illegible], ut dicit ysidorus
[illegible] [illegible] [illegible] vermes [illegible]
Et [illegible] vermes a [illegible] [illegible] no
men [illegible] ut dicit [illegible], [illegible]
[illegible] [illegible] [illegible] ut dicit [illegible], Na[m]
quidam sunt aquatici, et quidam terrestres
[illegible] quidam sunt in oleribus, ut [illegible]
[illegible] et [illegible], quidam in arboribus
ut [illegible], quidam in vestibus ut tinee
et quidam in carnibus et putridis gr[illegible]
[illegible] Et quidam in animalibus ut lum
brici et ascarides in visceribus [illegible] in
[illegible] pediculi et lendes in capite, qui
omnes ex corruptis humoribus in ani
malium corporibus intrinsecus vel extra generan[tur]
[illegible] et alii vermes terre longi rotundi
molles et lumbrici terre, quos in terra
[illegible] et [illegible] pisces in aquis capiun[tur]
[illegible] talibus vermibus [illegible], et dicit
[illegible] [illegible] contra spasmum et contra
[illegible] [illegible] valet, et contra morsum
[illegible] et ictum scorpionis, Et sunt vermes
quidam qui non [illegible] pedibus, ut [illegible]
[illegible] et [illegible], et quidam sunt qui [illegible]
habent pedes ut [illegible], et quidam sunt
valde venenosi, et nature hominis inimici
ut [illegible] et alii venenosi, Et sunt quidam
[illegible] qui non habent nisi [illegible]
nec ossa nec [illegible], nec cartilagines, n[ec]
sanguinem et omnes tales si in oleo tin
[illegible] [illegible] in aceto [illegible] [illegible]
ut dicit [illegible] plinius Et quidam vermes

qui generant et generantur et generant
et non generat ut [illegible]
libus [illegible] est [illegible]
modis [illegible]
[illegible]

## De vermiculo

Vermiculus ut est [illegible]
vermis [illegible] dicit [illegible]
in lignis et in [illegible] sicut dicit
[illegible] 23° [illegible] vermiculo
[illegible] qui a terendo terebella di-
citur cum sit tam mollis lignum durissimum
perforat [illegible] nihil est [illegible]
et nihil mollius [illegible] tangitur ut dicit
[illegible] vermis et proprie [illegible]
[illegible] ex humore ex folio et ex [illegible]
et ex ligno [illegible] procreatur [illegible]
[illegible] tempore uno [illegible]
[illegible] et aromaticis et amaris [illegible]
[illegible] vestes [illegible] sit tinea
vestium [illegible] destruit et [illegible]
illas vestes laneas [illegible] vermis
[illegible] dum [illegible]
[illegible] et [illegible]
ut dicit [illegible] li° 8° [illegible]
vermiculus et rotundus subtilis et [illegible]
[illegible] sunt [illegible]
[illegible] mordet [illegible] plus
[illegible] vilis est [illegible]
[illegible] et sanguis in [illegible]
est sensus tactus et gustus ut dicit [illegible]
li° 9° [illegible] 71° [illegible]
[illegible] sapore [illegible]
[illegible] amara [illegible] et salsa [illegible]
et dulcia appetitur atque sugitur [illegible]
[illegible] aliquibus et rostro [illegible]
[illegible] rapiunt [illegible]
[illegible] sugit et lambunt [illegible]
[illegible] et [illegible]
[illegible] rapiat [illegible]
[illegible]
[illegible] ut dicit plinius [illegible] 7°

## De vipera

de vipera

Vipera genus est serpentis [illegible]
[illegible] dicit [illegible] vipera est [illegible]
[illegible] ad partum
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] ut [illegible]
[illegible]
Vipera [illegible] terra
[illegible] quibus [illegible]
[illegible] dicit
plinius li° 8° [illegible] sola [illegible]
terra [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] longa [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] quo dicit [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] et sunt [illegible]
[illegible]

[illegible] quam [illegible] est ita fortis [illegible] est uidere [illegible]

[illegible] impossibile [illegible]

[illegible]

[illegible] ad [illegible]

[illegible]

¶ [illegible] ut dicit plinius libro [illegible] capitulo [illegible] lapidem quedam [illegible] [illegible] tractus [illegible]

[illegible] contrahendo [illegible] sanare [illegible]

Explicit liber decimus octauus
Incipit liber decimus nonus

[D]escriptis prop[ri]etatibus rerum spiritualium et corporalium tam simplicium quam compositarum [illegible] ad [illegible] [illegible] [illegible] quibus [illegible] corporalium [illegible] substantiarum [illegible] [illegible] [illegible] et colore [illegible] et odore [illegible] et liquore. ¶ Color est [illegible]

dicit [illegible] libro [illegible] quod color ignis uel [illegible] [illegible] ut color a colorando est dictus eo quod colorati colore ad hoc [illegible] [illegible] et formam [illegible]

¶ Colores [illegible] ¶ [illegible] dicitur color [illegible] extremitas [illegible] in corpore determinato. [illegible] [illegible] et [illegible] color [illegible] ex naturali mixtione elementorum et donatio in corpore [illegible] atque mixto perspicuo et dyaphano per actualem [illegible] lucis radiantis super [illegible] terminalem perspicui corporis superficie [illegible] et [illegible] [illegible] dicit [illegible] quod color est motiuus uisus secundum actum lucidi. Nam lux est actus et [illegible] lucidi siue perspicui. Nam cum color in corpore mixto ex aliquorum elementorum [illegible] existat producit lux ad actum [illegible] uisus. Quia cum color naturale et esse naturale sit in mixto non [illegible] manifestandi se nisi per lucem super [illegible] superficiem actualiter radiantem. Unde color ad sui manifestationem semper indiget luce. Sed non econuerso quia lux ad sui manifestationem non indiget colore sicut color indiget luce actualiter [illegible] nisi ipsa [illegible] coloris qualitas [illegible] uisus [illegible]. Et ideo [illegible] aliqua [illegible] uisibilis radicale et fontale est in luce quia ipsa subtracta [illegible] color in qualitate uisui non apparet. Habet [illegible] color actualem essentiam in corporibus [illegible] dicit commentator in [illegible] libro de anima [illegible] uisus et coloris non [illegible] super lucem colorum et uisibilium in sua qualitate [illegible] elementari sit in mixto. [illegible] lux [illegible] diffusa super colorem et super medium disponit [illegible] medium dando [illegible] sua possit recipere speciem.

colores. Et ideo per lucem fit mutatio dispositiva
in medio per quod defertur coloris species
ad organum visus et fit iudicium de colore.
Et ideo in tenebris manent colores tamen in
sua essentia actualiter sicut exposuit [illegible]
Commentator super [illegible] dicit auctor perspective
libro primo capitulo ultimo quod lux non exigitur ad visionem
colorum, nisi in altera duarum causarum [illegible]
quia sine luce non extendunt formam colorum
in actu. Dicit quod si extenderent non [illegible]
aut in visum nisi per lucem [illegible] ad existentiam
coloris lux non exigitur sed tamen ad eius mani-
festationem. Et quamvis non manifestetur in te-
nebris color propter hoc non est superfluus
vel otiosus, cum semper perficiat suum [illegible]
et subiectum. Et quod non videtur in tenebris
non est ex defectu coloris sed potius defectu
ex parte rei recipientis, eo quod non habet dispo-
sitionem quam oportet ipsum habere. Et quod
alicubi dicunt auctores colorem non esse in
actu sine luce, intelligendum est de actu
manifestandi quo ad visum et non de actu
existendi. Ornat itaque lux extrinseca
colores et decorat, et ipsos prius existentes
in esse specifico visui manifestat, non
tamen primitus eos causat et hoc intelligo
de luce extrinsecus diffusa super eos. Nam
virtus lucis celestis ad interiora corporum visi-
bilium penetrans cooperantibus quatuor
elementorum qualitatibus colores procreat
atque causat, et sic quatenus existentes in
esse specifico superveniens lux visibiles
clarificat nobilitat et actu manifestat.

¶ Effectus namque coloris est immutare diaphanum
secundum actum lucidi vel per lucidum, color re-
ducitur de potentia ad actum ubi actualiter immutat
organum visus ut apprehendat speciem colo-
rati et iudicet de ea visa. Item color
medius bene proportionatus delectat visum
et confortat, extremus vero color debilitat
visum et contristat ut dicit [illegible]. Nam albedo

disgregat spiritum visibilem et dissolvit
et acuitate lacrimare facit. Similiter
nigredo nimis intensa aggregando spiritum
et condensando visum reprimit et obtenebrat
et propter dictam exclusionem coloris tenebrosi
qui [illegible] ad lucem inducti [illegible] aut nihil
videt. ¶ Item color rei coloratae naturae
et complexionis indicium. Nam albedo est
coloris albi in corporibus congelati. [illegible]
nisi in [illegible] frigidant nigrescunt [illegible]
albificat [illegible] et albificat [illegible]
color non [illegible] denigrat [illegible] et albi-
ficat [illegible] ut dicit [illegible]. Et ideo
albedo quae filia est frigoris [illegible] profunde
ac fluidi humoris. Nigredo [illegible] signum
est malencolicae dispositionis et humoris
in corpore dominantis. Cuius tamen signum
est adustionis nimiae adhaerentis [illegible]
[illegible] ¶ Item coloris
proportionalis varietas utilis est aspectui
ad sui admirationem et intuitum [illegible]
[illegible] ut dicit [illegible] libro [illegible]
dicit quod quaelibet bestia [illegible] sua [illegible]
varietate coloris et pulchritudine admi-
ratur ut panthera. Item [illegible] homo
facies color maxime pulchrificat vel
deformat. Nam color [illegible] et [illegible]
complexio est pulchritudinis [illegible]
dispositioni [illegible] correspondit [illegible]
[illegible] pulchritudo est [illegible]
pulchritudo habitudo [illegible]
Et ideo color confusus et [illegible]
[illegible] est in corpore [illegible]. Item color
passionis et accidentia [illegible]
[illegible] omnis color [illegible] iudex
est [illegible]. Nam [illegible] colorem ad [illegible]
[illegible] corporis [illegible]
[illegible]
Rubor [illegible] signum est [illegible]
[illegible] et humoris et hoc [illegible]
[illegible] colore [illegible] exteriora et superficie

rubificantur et difundit ab illata verecundia
vel iniuria recipitur. Item color materiam
suam seu subiectum tangens perficit et infor-
mat quia si color in subiecto non esset, qualis
foret uel sua visui non pateret. Item color
materie superficiem ornat et eius deformita-
tem palliat et occultat. Item color eum se
informat et [illegible] materie sibi eius ac-
[illegible] figurat [illegible] intrinseca luce ac-
[illegible] et intendit et in [illegible] ceteris committit
[illegible]. Est autem in corporibus colorum
mutacio duplex et causa ut patet in fru-
ctibus et [illegible] germinibus et in aliis cre-
[illegible] in primo nascuntur [illegible] virides
[illegible] et in mora [illegible] rubi-
fiunt tandem palescunt uel nigrescunt
et istius coloris varietas accidit ex varie-
tate caloris naturalis uel solaris vario modo
[illegible] et digerentis. Quia [illegible]
loris actio est debilis et lenta insufficiens
dissolutio et rarefactio partes terrestres [illegible]
[illegible] in [illegible] apparet color viridis
[illegible] et [illegible] paulatim [illegible]
[illegible] calor naturalis per adminiculum caloris
solaris et [illegible] digerit [illegible]
[illegible] colorum rubrum in fructibus [illegible]
[illegible] tandem [illegible]
[illegible] et [illegible] ac [illegible]
[illegible] digestio ex adhustione color in
[illegible]. Nam calor [illegible]
[illegible] dissoluit [illegible]
et digerit et [illegible] est in [illegible]
[illegible] et convertit quod [illegible]
[illegible] vel consumit [illegible] ex-
pellens ad [illegible] et [illegible] et tras-
mittit [illegible] fumositas [illegible]
terrestres [illegible] nigredinem
vel [illegible]
[illegible] vel [illegible] dicitur
supra libro [illegible]

De odore in generali

Post colores de odoribus est dicendum.
Odor itaque est fumosus vapor a
substantia [illegible] resolutus qui mediante aere ad cerebrum
[illegible] est sensus olfactus immutativus.
[illegible] odor immutat olfactum [illegible] sapor
gustui proprium est sensuum a suis sen-
sibilibus et obiectis propriis immutari et
delectari in eis [illegible] si fuerint medi-
[illegible] vero destrui si excesserint ut
dicitur in libro de sensu et sensato. Est itaque
odor in proprietas sensu fumo medio
perceptibilis. Ad hoc autem quod odor perficiatur
et informetur in organo sensus quatuor
ad minus requiruntur scilicet caliditas resolvens
[illegible] subtilitas actioni caloris resolvente
obediens aerea puritas deferens. Item
uel medii conformitas vaporem resolutum
sensui [illegible] proprium ad interius uel ab
[illegible]. Calor igitur resolvens fumos
vaporabiles causa odoris est efficiens.
Vapor resolutus est materia obediens. Qualitas
uero fumi resoluti aeri deferenti se incor-
porat et in suam similitudinem ipsum [illegible]
[illegible] et informat. Informatus ergo
aer qualitate fumi [illegible] odorabilis
subito se applicat et sibi incorporati
fumosi vaporis similitudinem representat [illegible]
complexioni. Si similis fuerit miro modo
[illegible] reddit et delectat. Si
uero [illegible] inficit et contristat. Vnde aro-
matica [illegible] proportionem complexionabilem
[illegible] et armoniam cum natura [illegible] reparat
[illegible] [illegible] uero ex causa contraria
[illegible] et molestat. Calor itaque re-
soluens odorem efficit. Aquosus [illegible]
[illegible] odorem impedit et confundit. Quia mouens
ad [illegible] vapores per aera
se diffundunt non permittit. Propter hoc [illegible]
[illegible] generali sed potius
[illegible]

De fetore

Fetor est ex re corrupta resolutus vapor aerem inficiens contristans spiritum naturalem et corrumpens. Nam sicut odor aromaticus odoratum reficit et delectat, sic fetidus spiritum odorabilem inficit et contristat. Nam ut dicit Ysaac fumus a re male complexionata resolutus alterato spiritu est inconveniens. Nam in substantia fetidi odoris multi sunt humores corrupti contra naturam existentes qualitatem. Et ideo complexioni humane repugnat. Unde odoris horribilitas vide[tur] sive super corruptionem quod contingit aut propter nimium naturalem calorem aut propter corruptam humiditatem. Nam cum calor innaturalis humorum facit ebullitionem causa est putredinis et fetoris. Horum enim materia corrupta et pessima putredine in stomacho generatur ex qua resolvitur pessima fetositas que caput gravat. Cum sola corruptio humiditatis est in causa tunc odor non fetosus sed gravis generatur. Et omnia talia propter odoris gravitatem mali sunt nutrimenti quia que fetidi sunt putoris ut dicit Galienus. Et hoc est videre in piscibus recentibus quia dum retinent naturalem calorem odorem habent suavem, ablato autem naturali calore efficiuntur iam fetentes. Cum vero pisces decoquuntur per consumptionem superflue et corrupte humiditatis per calorem gravitas odoris tollitur, et sic contra per decoctionem non solum in odore melior efficitur sed etiam in sapore. Fetor igitur est corruptionis nature protestativus, virtutis caloris consumptivus, aeris infectivus, alteratus spiritus corruptivus, vomitus et nausee provocativus, doloris capitis generativus, totius complexionis distemperativus, horroris et tristitie sensibus cunctis inductivus. Et ideo fugiunt pisces [illegible] fetida et ant[...] quas [illegible] ut dicit [illegible]. Similiter apes abhorrent omne fetidum ut dicit idem [illegible] valores [illegible] fetidus [illegible]

sub[illegible] et [illegible] per fetorem [illegible] fugat ut dicit Plinius et sic [illegible] superat per fetorem quem virtute non potest per virtutem. Et ideo fetor spirituum et humorum est infectivus et a naturali consistentia [illegible] alterativus ut patet in leprosis quorum [illegible] fetidus est [illegible] inficit et corrumpit. Est etiam fetus fetor [illegible] in utero extinctivus. Unde dicit [illegible] si senserit fetorem candele extincte [illegible] abortivum patitur. Est etiam fetor sic [illegible] mortis subite causativus. Nam [illegible] est [illegible] spiritus [illegible] fetor [illegible] se videtur ut dicit [illegible] aut [illegible] fetor [illegible] [illegible] medicativa ut [illegible] et sulphur assa fetida [illegible] causis conveniunt [illegible] ita odor [illegible] generatur humores [illegible] putredine [illegible] fetor [illegible] dispositione [illegible] fetiditatis attrahuntur et [illegible] repellitur. Nam natura abhorrens fetorem [illegible] pessimam [illegible] ut [illegible] fetoris [illegible] repulsio fetidorum [illegible] fetidum assumit aliud fetidum [illegible] in ipso [illegible] de lana adhuc [illegible] naribus [illegible] et sapor [illegible] ut dicit [illegible]. Nam spiritus abhorrentes fetorem fugiunt ad interiora [illegible] est causa morbi [illegible] Et ideo [illegible] apostemata [illegible] causa [illegible] ut dicit [illegible] causa [illegible] spiritualia fetida naribus [illegible] partibus inferioribus utiliter adhibentur. Nam [illegible] fetorem [illegible] ad matricem [illegible] odorem [illegible] et sic matricem ad locum [illegible] [illegible] etiam odor odori [illegible] aliquis tamen fetor alium fetorem [illegible].

305

Et ideo fetor sterquilinii ex fetore alio [illegible] patitur, licet eciam fetor omnis [illegible] unum sentitur quam unus ab alio absorbetur.

¶ Ex rebus autem odoriferis [illegible] in terra [illegible] agit et habet [illegible]

de sapore

## De sapore

Est autem sapor [illegible] sensibilis [illegible] qui sentitur in organo gustabili [illegible] vel tristatur. Et sunt secundum Ysaac in dietis sapores octo, scilicet dulcis, unctuosus, salsus, amarus, acutus, ponticus, stipticus, acetosus et insipidus. Et sic sunt novem [illegible] quod sapor [illegible] ad caliditatem calide complexionis, scilicet dulcis, unctuosus, salsus, amarus, acutus. Ad [illegible] frigidi sunt tres, scilicet ponticus, stipticus, acetosus et insipidus.

¶ Duo autem sunt efficientia saporis, scilicet complexio et substancia, et substancia est triplex, scilicet grossa, subtilis et mediocris. Complexio itaque calida et humida in [illegible] gradu in grossa substancia facit saporem dulcem. Calida vero et humida in [illegible] [illegible] substancia facit unctuosum [illegible] [illegible] substancia [illegible] ad trans [illegible] transit in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] substancia [illegible] transitum. Complexio autem calida et sicca in [illegible] mediocri substancia facit salsum. Calida et sicca in [illegible] gradu [illegible] grossa substancia facit amarum. Et complexio calida et sicca in [illegible] gradu cum subtili substancia facit acutum [illegible] super [illegible] [illegible] quos sapores [illegible] et sicca complexio in [illegible] gradu cum [illegible] substancia facit ponticum, qualis est in fructibus immaturis. Frigida autem et sicca in [illegible] gradu cum subtili substancia facit saporem acetosum. Frigida vero complexio et humida in primo gradu cum mediocri substancia

facit saporem insipidum, qualis est in albugine ovi. Patet igitur quod duo sapores sunt testimonia subtilis substancie, scilicet acutus et unctuosus. Et tres sunt testimonia grosse substancie, scilicet ponticus, amarus et dulcis. In mediocri sunt tres sapores testimonia mediocris substancie, scilicet salsus, stipticus et insipidus.

## De sapore dulci

de sapor[e] dul[ci]

Dulcis itaque sapor generatur ex temperata caliditate et grossa substancia. Unde dulcedo [illegible] [illegible] moderate caliditatis [illegible] moderate humiditatis [illegible] moderate subintrans poros [illegible] ibi manet et ideo [illegible] ex tali temperancia gaudet, unde plus delectatur [illegible] in dulcedine quam in aliis saporibus. [illegible] nulla res est ita temperata et affinis humane complexioni equali sicut dulcedo. Et ideo humane complexioni que est [illegible] temperantie equali in dulcedine sibi simili delectatur. ¶ Ad dulcem autem saporem faciendum quatuor conveniunt elementa [illegible] [illegible] proporcione, ignis enim et aer superhabundat. Unde ex igne calor, ex aere humor [illegible], que duo, scilicet calor temperat aquam in humorem, ipsum calefacit, dissolvit et depurat ab [illegible] terrestri et substancia mollificatur. Unde partes ignee et aeree augmentantur et humiditas inspissatur et sic grossa basis in qua fundatur dulcis sapor generatur. Unde dulcis sapor qui caret omni macula communis est omnibus saporibus [illegible] ut dicit Ysaac [illegible] [illegible] sanguinis est [illegible] et ideo [illegible] et [illegible] [illegible] gustus, et [illegible] [illegible] [illegible] labore nature.

¶ Est autem dulcedo alia pura quoad qualitatum mediocritatem [illegible] ut [illegible] [illegible] alia est [illegible] et [illegible] admixta [illegible] [illegible] [illegible]

[illegible] ... itaq[ue] mollificant ... et mundificant ... Acuitate aut[em] multu[m] mollificant quia humiditas na[tura]l[is] ... molle[m] reddit et ... dissolvit ... unde ma[teri]a que prius erat solida modo mollificata abstergitur et mundificatur ... sunt in substa[nti]a et sua ... et ... saciant ... q[uia] dulcia generant ... et amica et ... magis ... et q[uia] grossa sunt in sub[stanti]a ... multu[m] sanguine[m] generant et ... multu[m] nutrit / Dulcedo ... est admixta multu[m] ... [illegible] ... oppillacione[m] generat ... in ... inflacione[m] ... augmentat ¶ Est igitur dulcedo pura et ... ¶ ... saporis dulcedo ... [illegible]

[illegible] ... dulcedo ... [illegible]

### De dulci sapore nociuo

[illegible] ... dulcia ... [illegible]

De dulci sapore nociuo

calor sapore [illegible] [illegible] desiccat dissolvit et [illegible] consumit vel digerit non sufficit [illegible] corruptam magis dicitur. Item splenis [illegible] et epatis sunt oppillativa et [illegible] gradu quia sua grossitie [illegible] subtilles poros illarum regionum obturat vel quia [illegible] [illegible] dilatas plus desiderant quam digerant vel [illegible]. Et ideo superfluo humore et [illegible] non digesto [illegible] alias vias [illegible] [illegible] oppillant. Item [illegible] sunt calculi generativa [illegible] [illegible] in vesica. Nam quia ille partes [illegible] dulcedines sibi attrahunt humores [illegible] [illegible] sunt vel [illegible] [illegible] [illegible] [illegible] consumitur vel in [illegible] [illegible] quia non sufficiat vel [illegible] [illegible] superfluum expellitur. [illegible] grossius est [illegible] remanet et aliquo humore salso desiccante induratur. Et procedente tempore paulatim [illegible] et in durum lapidem convertitur [illegible] [illegible].
[illegible] [illegible] [illegible] [illegible] [illegible]

Ex predictis [illegible] [illegible] natura sunt [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] que [illegible] sunt [illegible] et [illegible]

De sapore [illegible]

Si sapor [illegible] [illegible] ex calido et humido in substantia [illegible]. Et ideo [illegible] [illegible] apposita lingue magis [illegible] dissolvit. Et ideo [illegible] [illegible] magis [illegible] [illegible] caliditas [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dulcedinem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Unde [illegible] autem saporem [illegible] plus de igne quam alios [illegible] [illegible] et post de aere. [illegible] [illegible] [illegible] caloris in humidum [illegible] magis dissolvit et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et aere [illegible] et [illegible] sapor [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

et fastidii inductiva quia accepta in stomaco dissolvuntur in fumositatem cum aere similem sibi que petit superiora replens os stomaci [illegible] fastidium et sic diminuit appetitum. Item [illegible] sunt [illegible] [illegible] [illegible] sua elevantur ad superiora cum sint valde fumosa. Item sunt digestionis impeditiva quia [illegible] sua villos stomaci replent et [illegible] [illegible] ubi assumpta cum non possint [illegible] [illegible] et indigesta [illegible]. [illegible] sua [illegible] [illegible] lubricant. Et ideo [illegible] [illegible] [illegible]. Item [illegible] sunt nutritiva quia [illegible] [illegible] replent et parum de eis assumitur propter sui [illegible] [illegible] [illegible]. Item [illegible] sunt inflammativa ignis cum non [illegible] nisi aere mediante. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] illa [illegible] que [illegible] maiorem aquositatem minus [illegible] ad [illegible] [illegible] [illegible] [illegible] [illegible] ut patet in axungia porcina que [illegible] [illegible] igne quam [illegible] quia minus [illegible] [illegible] in sua compositione et plus [illegible] quam [illegible]. Item febrilis caloris sunt [illegible] et ideo [illegible] prohibentur in febre acuta quia [illegible] [illegible] [illegible] quia calor febrilis [illegible]. Item splenis et epatis sunt oppillativa propter suam grossitiem [illegible] propter sua dulcedinem [illegible] [illegible] sua grossitie [illegible] [illegible] oppillant. Item doloris capitis sunt [illegible]. Nam [illegible] [illegible] [illegible] [illegible] caput [illegible] [illegible] [illegible] [illegible]. Item [illegible] [illegible] sunt [illegible] ut patet in butiro [illegible] [illegible] [illegible] propter [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Item [illegible] [illegible] [illegible] apostemata maturativa et [illegible] [illegible] [illegible] sua [illegible] [illegible] plus dissolvitur quam [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible]

De sapore salso.

de sapore salso

Sapor salsus fit ex caliditate [illegible] in
sua mediocri [illegible]
[illegible] atemperata [illegible]
poros qui sentiunt [illegible] magis la
xat [illegible] magis constringit
et eius sba magis [illegible] poros
qz magis fit [illegible]
sub [illegible] potius ipsi [illegible] ¶ [illegible] salsum
aut saporum [illegible] elementa
quadam tamen propo[illegible]
minat[illegible] ignis [illegible]
ex modrato igitur fit [illegible] calor et
ex modrata terra [illegible]
modrato aut calore [illegible]
tio, et decoctio [illegible] aquose et terre-
stris dissolvuntur in [illegible]
et ex modrata siccitate [illegible]
siccat, et ita remanet sba mediocris
unde salsus sapor [illegible] ex modrato do-
minio calid. et sicci in sba mediocri.

¶ Sunt aut salsa modificativa [illegible]
intrinsecus calore suo et sicc. [illegible] dissolvunt
salsedine aut et viscositate sua stomacum
et intestina modificant [illegible]
[illegible] ut dissoluta [illegible]
[illegible] sic fit modificatio. Item duae causae
sunt mollificativa nam sua caliditate
[illegible] dissolvunt et relaxant et sic
mollificant, item sbe mollis sunt [illegible]
nam sua caliditate et sicc. superfluitates
[illegible] consumunt, et sic poros [illegible] plus
[illegible], item sbe [illegible] sunt [illegible]
et [illegible] consumativa [illegible] salsa in
[illegible]
[illegible] putredo aliquo [illegible] calor
et sicc. salsedinis consumitur [illegible]
[illegible] insuper salsedo [illegible]
ut dicitur in diet. [illegible]
et minus [illegible]
[illegible]
[illegible]

consumendo humorem [illegible]
[illegible] a superfluis
abstergendo item [illegible]
[illegible]
[illegible]
item [illegible] et [illegible]
sunt [illegible] et totius [illegible]
[illegible] languor [illegible]
salsa [illegible]
[illegible] item [illegible] salsa ad [illegible]
[illegible] si in aqua salsa [illegible]
salsedo [illegible]
[illegible] massa [illegible]
aqua [illegible] et hoc [illegible]
[illegible] aqua salsa [illegible]
et [illegible]
quod [illegible]
[illegible] in aqua non dissolvitur
[illegible]
[illegible] facta est per [illegible] ut salis
dissolutio fiat [illegible] sicut [illegible]
in quo fit [illegible]
[illegible] dissolutio [illegible]

¶ [illegible]
[illegible]

## De sapore amaro

Sapor amarus fit ex caliditate [illegible]
[illegible] in sicc. in [illegible] in massa
[illegible] caliditas [illegible]
[illegible] sapor [illegible]
[illegible]
Ad cuius appositionem [illegible] elementa [illegible]
[illegible] quadam [illegible]
[illegible]
[illegible]
[illegible] aquose et terre-
stris dissolvuntur [illegible]
[illegible]
[illegible]
[illegible]
[illegible] ¶ Omnia [illegible]
amara [illegible]

[illegible] sapor [illegible]
[illegible] in lingua [illegible]
amara [illegible]
[illegible] solutiua [illegible]
[illegible]
[illegible] maiore [illegible] Item
amara sunt [illegible]
[illegible]
[illegible] amara [illegible]
[illegible]
[illegible] Item amara sunt
[illegible]
[illegible]
[illegible] fondo [illegible]
[illegible] Item amara et [illegible]
[illegible] Nam [illegible]
[illegible] apperiunt et humores dissoluunt
[illegible] humores [illegible]
[illegible] Item amara sunt [illegible]
[illegible]
[illegible] accidunt [illegible]
[illegible] Item
[illegible]
[illegible]
[illegible] Item amara [illegible]
[illegible]
[illegible]
[illegible] dissoluunt et
[illegible]
[illegible]
[illegible]
Item [illegible] et [illegible]
[illegible] dissoluendo [illegible] Item
[illegible]
[illegible] confortatiua et [illegible]
[illegible]
[illegible]
[illegible]

Sapor arrtosus [illegible] in
[illegible] arrtosus
[illegible] quantum [illegible]
[illegible] duabus [illegible]
[illegible]
[illegible]
[illegible] equale. Est enim [illegible]
[illegible] et [illegible]
[illegible] frigiditas [illegible]
[illegible] qui [illegible] moderam
[illegible] ut [illegible] et [illegible]
[illegible] et consumunt tamquam subti
[illegible] et aquosas dissoluunt
[illegible] non potest
[illegible] non consumunt et
[illegible] subtilis [illegible]
[illegible] Arrtosa provocat
appetitum quia [illegible] motum habet ad intus
[illegible] cibaria ad fondum et [illegible]
[illegible] appeti
[illegible] operatio
[illegible] naturalis et [illegible]
[illegible] Item soluunt [illegible]
[illegible] Nam subtilitas [illegible] arrtose [illegible]
[illegible] in stomacho [illegible] eam et sub
[illegible] ad fluxum
et [illegible] Et qui stomacum [illegible]
[illegible] habent quia arrtosa
[illegible] et constringit frigiditate.
Item [illegible] et [illegible] apperiunt
quia non qualitate sed [illegible] subtilitate humores
[illegible] apperiunt incidunt et dissoluunt.
Item arrtosa [illegible] obsunt [illegible]
[illegible] et [illegible] Item posita
in [illegible] calidos humores apperiunt
[illegible]
[illegible] calido [illegible]
[illegible] De hiis
[illegible] in [illegible] arrto [illegible]
[illegible]

d. sapore arrtosso.

De sapore arrtosso

De sapore insipido

d. sapore i[illegible]

melle.

Sapor [illegible] insipidus [illegible]
et [illegible] dulcedine [illegible]
tuis et positivus [illegible]
[illegible] sapor [illegible] per [illegible]
ut sapor aque [illegible]
pp maxime [illegible] ad [illegible]
[illegible] gustus [illegible]
lingue que [illegible]
compositione [illegible] positivus [illegible] sapor
insipidus qui ultra [illegible]
aliquem illorum [illegible]
sui determinati [illegible]
sba est mediocrius et [illegible]
simi gradus distincti [illegible]
ratus talia insipida [illegible]
circuli melones et [illegible]
plus conuenit mediocrius [illegible]
tum mutatur [illegible]
billem et sbam flexibilem [illegible]
et [illegible] mitigant [illegible]
extinguit [illegible] augment [illegible]
nas febres grauant et [illegible]
ras frigidas [illegible] et humidis [illegible]
prouocant passiones [illegible]
sipidus causat [illegible] sba mediocri [illegible]
cuius complexionis sicut [illegible]
[illegible] elementa [illegible] non in equali [illegible]
tione [illegible] aqua et aer [illegible]
dario [illegible] pp [illegible]
rarum [illegible]
[illegible] in aquea [illegible]
consistit [illegible] non [illegible]
terra ipsa sba [illegible]
diorem [illegible]
principia istius saporis [illegible]
sapor et insipidus [illegible]

De melle

Mel ut dicit [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
et in [illegible]

Frotinus [illegible]
[illegible] in Iudea [illegible]
[illegible]

[illegible]

et lenitudinis [illegible] reservatum in [illegible]
custoditum [illegible] [illegible] mel est non
[illegible] [illegible] [illegible] sicut alteratis
[illegible] matrias et dispositionem
in [illegible] igitur Nam nimis [illegible]
et constipat nimis durans [illegible] re-
laxat ut dicit ysac. Est autem mel [illegible]
[illegible] amaritudinis temperatum et
[illegible] [illegible] novo et ideo ponitur in
[illegible] ad [illegible] et ad mondificandum
et amaritudinem [illegible] temperandum ut dicit
in [illegible] novo. Item crudum mel crudum
non [illegible] bene despumatum valde est
ventosum [illegible] rugitus in ventre ge-
nerativum [illegible] humores facile conver-
sum [illegible] sua viscositate oppila-
tivum [illegible] inflativum et febris diuturne
inductivum [illegible] [illegible] yliacis
et colicis nocivum. Igitur ut dicit const.
et ysac diversas [illegible] [illegible] que in quibusdam
salubre est et sanum custodit [illegible] in qui-
busdam [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] hu-
moris magis [illegible] [illegible] et col-
[illegible] [illegible] magis album [illegible]
[illegible] [illegible] et tanto [illegible] [illegible]
[illegible] [illegible] odorabilius fuerint.

De favo mellis

F[illegible] [illegible] dictus. Nam favus
[illegible] mel [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] mel [illegible] et liquor [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] mel [illegible] et [illegible] [illegible] favus
[illegible] [illegible] Nam [illegible] [illegible]
est [illegible] favus [illegible] [illegible]
de [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] favum
mel [illegible] [illegible] [illegible] [illegible] in
quo summa [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] ob
amorem mellis [illegible] [illegible] [illegible]
mellis [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] sup [illegible] mel [illegible]

et pro limis distrahendis non [illegible] dis-
currunt [illegible] multas [illegible] alie-
nis autem mel favus ut dicit [illegible]
in profundo alvearis [illegible] [illegible]
albi [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] favos et [illegible] sup totum
alveari et ideo [illegible] mel [illegible] Item
[illegible] [illegible] est mel quod [illegible] de cera
nova Nam mel quod diu manet in cera
antiqua fit rubrum et corruptio illius
mellis est sicut corruptio vini in vege-
[illegible] [illegible] [illegible] [illegible]. Et mel bonum
qui est [illegible] auro ut dicit idem. Item dicit
[illegible] [illegible] apes [illegible] sup alvearia et
[illegible] quod est sup favum in favis et
dicit quod si non [illegible] hec corrumperetur
illud quod est in favis et generatur ara-
nea et [illegible] sup favos et [illegible] custo-
dire ne in illa aranea convalescat et si
[illegible] [illegible] [illegible] [illegible] moreretur
omnes.

De mulso

Mulsum est potio vel poculum ex aqua
vel vino et melle commixtum quod
[illegible] mel [illegible] [illegible] [illegible] melle et
[illegible] [illegible] est commixtum sicut ydro-
mel dicitur.

De medo

Medo vel medum quasi mellis dicitur et
est potus confectus ex melle et aqua
[illegible] [illegible] qui si crudus dicitur fuit
et mel minus bene despumatum inflationes
[illegible] in ventre et rugitus ac durissimas
[illegible] [illegible] [illegible] resolvitur in fumos
[illegible] [illegible] [illegible] [illegible] passio-
nes [illegible] [illegible] [illegible] [illegible] gustum
[illegible] [illegible] clarificat [illegible] [illegible]
[illegible] et canales pulmonis modificat vocem
[illegible] et confortat corpus nutrit
et [illegible] epatis et splenetis et
[illegible] nimis appetit [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et aliis [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] reddatur
et odoratior et ut diuturnius custodiatur.

De clareto stellea

C[illegible] [illegible] vino et melle et speciebus aro-
maticis [illegible] [illegible] [illegible] [illegible] in
[illegible] [illegible] [illegible] [illegible] [illegible]

de favo mellis

de mulso

de medo

de clareto st

limo et mondo [illegible] mellis vel zucharo
reponitur, vino vero optimo spiritus preon-
ditur et resplendere spadimosum fit
[illegible] et [illegible] diu remaneat preffectio
donec virtus spiritus a vino marcescit et op-
time clarificet. Vin a vino ipsius fortitudine
et acumine a spiritu aut [illegible] aroma-
ticitate et odore [illegible] a mellis dulcedine
mutat et saporem.

De oximelle

Oximel dicitur acetum mel vel [illegible]
aceto et melle cum [illegible] confici.
Nam primo aceto cum herbis [illegible]
et radicibus diversis [illegible] decoquitur et
collato aceto mel [illegible] et optime des-
pumatum additur, et ad [illegible] spis-
situdinem decoquitur et bullit et [illegible]
cum albumine ovi cum aceto distemperato
in oximelle parum decocto. Nam omnes
immunditias et mellis et herbarum [illegible]
hit albumine, et super natans ad oximellis
superficiem secum ducit quas [illegible]
cum [illegible] [illegible] [illegible]
removit et deponit et sic oximel [illegible]
monda reponitur. ¶ Datur autem [illegible] aqua
calida ad [illegible] digestionem mollifica-
tionem, divisionem, mondificationem, [illegible]
aptionem, et oppilationum [illegible]
posset cum medicina [illegible] facilis [illegible]
[illegible] si non separaret ad facilem [illegible]
[illegible] et [illegible] expellendam non prodest digestivum
[illegible] et ad [illegible]
cum diversis speciebus fit syrupus [illegible]
violaceus et laxativus [illegible]
et constipativus, [illegible] simplex [illegible]

De lacte

Lac est liquor dulcis et candidus
in mamillis per actionem caloris ex sangui-
ne generatus ut dicit [illegible] lac est sanguis
decoctus digestus [illegible] qui [illegible]
pro magnitudine non potest [illegible]
propter [illegible]
mestruo [illegible] ad mamillas [illegible]
et decoquitur et ex albedine [illegible]
mamillarum in colorem [illegible] transmutatur.

Ut dicit Constantinus [illegible] lac
ante tempus [illegible] post [illegible]
[illegible] in [illegible] tempore [illegible]
[illegible] [illegible]

L[illegible] [illegible] diversificatur et [illegible]
[illegible] post [illegible] [illegible]
et lac dulce quod est [illegible]
aut lac [illegible] ex tribus [illegible]
[illegible] et [illegible] et diversis [illegible]
subtilis et mollificativa [illegible]
et oppilativa [illegible] mollificativa [illegible]
[illegible] Nam [illegible] aquosa [illegible] sub-
tiliativa [illegible] et ideo oppilativa [illegible]
[illegible] est [illegible] et mollificativa [illegible] lac-
tum sua [illegible] aquosa [illegible] est [illegible]
[illegible] mundificativa et [illegible]
laudatur [illegible] mondificativum [illegible]
tis solutivum et [illegible] expulsivum
[illegible] [illegible] in corpore et ex-
terius [illegible] [illegible] [illegible]
oppilationum [illegible] [illegible] capitum et [illegible]
[illegible] [illegible] ut ex
[illegible] et lac [illegible]
ut dicit [illegible] Lac vaccinum [illegible] et [illegible]
tribus [illegible] [illegible] sua aqua
[illegible] sua [illegible]
et [illegible]
[illegible] sua [illegible]
stomacho ad profunda [illegible] est et [illegible]
[illegible] si temperate et opportuno
tempore mondatum [illegible]
et laudabiliter [illegible]
[illegible] Si autem [illegible] corpore [illegible]
et [illegible] in malas [illegible]
[illegible] quos in [illegible] corpore est [illegible]
et [illegible] [illegible] sumos [illegible]
[illegible] dolorem capitis [illegible]
et [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] in [illegible]
Nam [illegible] est [illegible] et [illegible]

[illegible] ut flamma putredo generat. [illegible] est frequenter sumenda [illegible] tempato et stomac[illegible] corpus a putredine [illegible] fuit varium [illegible] fuit multa et bona [illegible] laudabilem generat sang[illegible] [illegible] corpus [illegible] sudor facit [illegible] ut dicit idem.

de caseo

## De caseo

Caseus aut est vetus et novus [illegible] multum est mutationis [illegible] sapore [illegible] et grossitiem et quia calore nali [illegible] mutuatur [illegible] calore nalis [illegible] duas [illegible] plus et [illegible] [illegible] in membris [illegible] [illegible] in dict [illegible] in duas [illegible] [illegible] qui exit in lacte [illegible] [illegible] et plures [illegible] Est aut [illegible] [illegible] duas [illegible] grossitie [illegible] compillat [illegible] et non [illegible] [illegible] calidus apponit [illegible] [illegible] sibi [illegible] [illegible] apponitur sup morsus rabidi [illegible] totus [illegible] [illegible] valet etiam contra [illegible] et alia apostemata [illegible] vel [illegible] suppositus vel [illegible] et aliis [illegible] medicinis

de putredine

## De putredine

Putredo est [illegible] corruptio [illegible] ex indigentia caloris nalis [illegible] superabundantia calore alieno. Calor enim est [illegible] agens in [illegible] [illegible] causa [illegible] putrefactionis ut dicit commentator super [illegible] [illegible] aut [illegible] frigida [illegible] putrefiunt [illegible] ut dicit [illegible] [illegible] tardius putrefiunt

ut est videre in glacie et in cristallo. Omnia frigida per [illegible] tardius putrefiunt ut dicit idem. Nam intrinsecus caloris [illegible] [illegible] est calor aeris [illegible] [illegible] et ideo non permittit se [illegible] aliquid [illegible] frequenter permittit [illegible] Unde et motum tardius [illegible] non motum ut dicit [illegible] Nam motus inducit calorem et [illegible] [illegible] fluens tardius putrefit [illegible] ut dicit idem. Nam calor [illegible] ex aere [illegible] [illegible] est et debilior quam calor nalis generatus ex motu sive fluxu. Et ideo [illegible] non permittit [illegible] aut [illegible] multum [illegible] magnitudinis tardius et minus putrefit quam corpus parvum vel paucum ut dicit idem. Nam si corpus [illegible] plus habet caloris nalis [illegible] fortior est [illegible] nalis [illegible] melius resistit calori accidentali [illegible] putrefactionem in magno corpore quam in parvo. Et hoc patet in mari ut dicit [illegible] Nam mare divisum cito putrefit [illegible] aut [illegible] est [illegible] in aquis aliis magnis quare [illegible] divise a totali flumine cito putrefiunt. Et ideo in [illegible] [illegible] generant [illegible] putrefactionem. Causa vero est quia calor nalis [illegible] facit subtile dividi a grosso et terreum ab aqueo et aereo. [illegible] aut subtile et aqueum et aereum a grossiore [illegible] calore [illegible] [illegible] facit generari [illegible] et alia animalia et hoc est quod dicit [illegible] quia calor nalis [illegible] facit [illegible] [illegible] in [illegible] animalis et hoc [illegible] putrefactionem [illegible] caloris [illegible] [illegible] ut dicit commentator. [illegible] [illegible] horribilia et abhominabilia [illegible] et nauseam provocantia [illegible] etiam [illegible] odoris et mali saporis et [illegible] caloris [illegible]

oia sunt humane complexioni et sibi sunt indurata sanis convenientia ... et unibus ... et ... que aut sunt disposita ad putrefactionem ... ad putridum ... corrumpit membra putrida corrumpit ... et ... non sunt ... membra ... sibi magis vicina. Nec potest sanare membrum quod incipit esse putridum nisi ante putrido prius separetur. Illa que putrida sunt non sunt utilia, nisi solum ad hoc ut vendantur aut ... burantur. Sunt et alie virtutes ... parantur ... in vegetabilibus et in animalibus et virtus generativa tam in hominibus quam in quadrupedibus et virtus ... tam in ... quibusdam ... volatilibus. De generativa et nutritiva et aliis sibi ministrantibus sufficienter superius dictum est, in libro 4° de generatione ... in libro 15° de generatione animalium ... et ideo ... de his superstitiosum est.

## De ouis

Ova ouis aut dicit ... in ... Ova ... que ... ex animalibus ... tempore ... sunt nutrimenti laudabilioris que ... ex grossis sunt maioris nutrimenti et sapidiores ... calorem maiorem habent ... sicut patet ... plus caloris. Nature aut ouo ... temperate et mediocres et ... humane complexioni ... Albumina tamen sunt frigidiora ad vitellum ... quod ... aqua ... sunt ... graviores et sunt indigestibiliores ... volatilibus aut ... vitella aut sunt temperata calore ... rina, et ideo ad digestionem sunt meliora et ... confortantia membra, et ab omnibus ... dissolvuntur. Variantur aut oua ... animalium ex quibus ... animali et temporis ... ad nutrimentum ... sunt laudabilia et sunt facilis digestibilia ... membris facilius dissolvuntur ... ad ... sanitatis meliora

sunt que ad membra ... Que aut ... et grossis animalibus ad digestionem duriora sunt ... nutrimenti laudabilis sicut ... et que sunt mala ... ad digestionem et gravis odoris ... [illegible] ... [illegible] ... ad membra confortanda ... et ... [illegible] ... [illegible] ... sunt ... [illegible] ... ad membra confortanda. Oua aut ... [illegible] ... [illegible] ... [illegible]

Elixa aut in aqua meliora sunt ... quia ... in ... [illegible] ... [illegible] ... Assata aut ... peiora ... grossitiem et ... [illegible] ... [illegible] ... in aqua ... calore aque temperate ... et grossitiem ... et ... sunt laudabiliora ... vitella sola ... sunt ... [illegible] ... [illegible] ... sunt ... [illegible] ... [illegible] ... sunt ... [illegible] ... [illegible] ... sunt ... sunt peiora ... [illegible]

et corruptioni sunt mutabilia quecunque
albedo in [illegible] corruptioni [illegible]
[illegible] in [illegible] fastidia [illegible]
[illegible] alis [illegible] sunt [illegible]
qui [illegible] et in aqua [illegible] sunt
[illegible] [illegible]
[illegible] utilia [illegible] ad cibum [illegible] sunt
in [illegible]
[illegible] gutturis et pectoris [illegible]
[illegible]
[illegible] virtute [illegible]
[illegible] et [illegible]
[illegible] optima [illegible]
[illegible]
[illegible]
[illegible] albedo [illegible]
[illegible]
[illegible] et podagre [illegible]
[illegible]
[illegible] et [illegible]

## De coloribus

Dictum est supra de coloribus in generali [illegible]
[illegible] in [illegible] primo de
albedine [illegible] esse [illegible]
[illegible] est autem albedo [illegible]
[illegible] in puro [illegible]
[illegible] tanto albedo [illegible]
[illegible]
[illegible] albedinis [illegible]
[illegible]
[illegible] causa [illegible]
[illegible]
dominium et color [illegible] fuit pre
dominium [illegible] albedo [illegible]
[illegible] et subtilium [illegible]
[illegible]
[illegible] et in [illegible]
et in illa [illegible] albi
[illegible] et in [illegible]
albedo ex aere [illegible] ad [illegible]
aqua [illegible] de [illegible] et [illegible]
[illegible]
[illegible] et [illegible]

Calor [illegible] dealbat.
Item albedo fiat ex rarefactione aeris ut
patet in spuma et ideo aque calide [illegible] pillos
albos quia albedo hec est ex aere [illegible]
[illegible] animalia sunt alba sub [illegible] ut dicit
[illegible] libro animalium [illegible]. [illegible] autem [illegible]
[illegible] visibilis disgregativa
et ideo si fuerit nimis intensa corrumpit visum
et facit oculos lachrimari, cuius color
est [illegible] in nullo enim nisi in fun
damento coloris quam in albo, et quanto album
est intensius quanto subtrahunt tanto adgreditur
colores qui supponuntur et [illegible]. Sunt [illegible]
fuit [illegible] ad albedinem [illegible] pertinet
candor, albor, pallor, livor, [illegible]
flauor. Flauor enim et lividum [illegible]
una [illegible] ut dicit [illegible] in [illegible] de sapore
et dicit quod lividum est flauum, quod flauum
[illegible] albi multas [illegible] assignat [illegible]
[illegible] album colorem ut est color aqueus, lacteus
[illegible] albidus, pallidus vel subpallidus
et [illegible] secundum diversitatem magis tenuis vel
grossitas in quibus radiantur ut patet in libro
[illegible]. Consistit [illegible] de [illegible]
candor et albedo intensa multum [illegible]
in se lucis in forma et pure [illegible]
in materia. Nam fulgor lucidi est [illegible]
superficiem [illegible] et [illegible]
[illegible] aspectu sine organi lesione [illegible]
tans et cum quadam suavitate ad suum
intuitum [illegible] oculum et alliciens
candor [illegible]. Illud enim de candore
quod primo [illegible] corruptione sensus
de albedine [illegible] lucide ab oculo
comprehendi, nam albedo que consistit in
[illegible] colores [illegible]
et [illegible] propter suam [illegible]
ut dicitur in libro de sensu et sensato [illegible]
ergo primo [illegible] sensui de albedine post
[illegible] candor dicitur.

## De colore flauo

De colore flauo

Color flauus qui et glaucus dicitur
[illegible] ex albedine minus intensa
[illegible] ad rubedinem et [illegible]
[illegible] in materia [illegible]

Sz 2a viridi coloris Nam ut dicit [illegible] viridis color in plantis mutatur in glaucum in autumpno quando enim in foliis [illegible] multa materia humida magis quam materia glauci [illegible] paulatim per actionem caloris paulatim consumitur / ut [illegible] destruitur vel [illegible] a calore elevante materiam [illegible] [illegible] dicitur agens [illegible] in materia [illegible] generat colorem medium [illegible] et [illegible] mutare [illegible] [illegible] color [illegible] [illegible] de albo magis [illegible] et glaucus ut dicit commentator super [illegible] plante in [illegible] / [illegible] [illegible] [illegible] viridis in estate palescunt in hyeme [illegible] propter viscositatem humorum in radice [illegible] [illegible] liquidam [illegible] et [illegible] radicis [illegible] folia / Sz adveniente calore [illegible] humor ad exteriora qui [illegible] [illegible] viridis sz adveniente [illegible] humor et [illegible] [illegible] et sic fit color glaucus. [illegible] coloris viriditatem in qua est plus de materia dicit glaucum [illegible] magis temperatam.

De colore palido

Color palidus ex eiusdem causis generatur [illegible] minus est intensa et plus accedit albedo ad nigredinem et generatur [illegible] grossiore. Est igitur palor color medius sub albedine [illegible] et [illegible] [illegible] generatur etiam accidentale ut [illegible] ex solitudine nimia et labore et ex causis aliis quibus calor ad interiora reducitur et [illegible] [illegible] propter sanguinis [illegible] [illegible] et discoloratur ut est videre in nimis dormientibus et [illegible] et etiam in hominibus amorosis magnitudine [illegible] [illegible] cordis [illegible] [illegible] [illegible] propter [illegible] [illegible] et [illegible] [illegible] colore ab exterioribus ad interiora [illegible] [illegible] propter [illegible] [illegible] sanguinis discoloratur. [illegible] illud [illegible] [illegible] [illegible] [illegible] color [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sanguinis expalescunt.

De rubro colore

Rubeus color est medius albedinis et [illegible] [illegible] [illegible] qui [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] albedinis et nigredinis [illegible] [illegible] [illegible] propter [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] rubeum admodum [illegible] [illegible] [illegible] [illegible] [illegible] sicut [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] rubeo [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] est [illegible] in rosa [illegible] [illegible] est et [illegible] [illegible] quia [illegible] est [illegible] [illegible] color qui [illegible] ex [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in colorem [illegible] [illegible] [illegible] [illegible] potissime [illegible]

De colore citrino

Color citrinus [illegible] [illegible] [illegible] [illegible] nisi [illegible] [illegible] [illegible] albedinis et nigredinis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] magis [illegible] et [illegible] [illegible] [illegible] magis est [illegible] [illegible] minus [illegible] [illegible] [illegible] color [illegible] [illegible] coloris et [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vel [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit [illegible] [illegible]

[illegible] ... Vn[de] sic dicit ...

[illegible]

## De colore croceo

Color croceus plus tingit ... [illegible]

## De colore minio

Color minius ... [illegible]

[illegible] ... ab antiquis ...

... tractatu de coloribus.

T[unc] autem color ... [illegible] ... possit ... deleri ... abradere ... visus fuit ... abradi ... aliquod vestigium ...

## De colore puniceo

Color puniceus est color tendens ad ... rubeum sicut purpureus plus habens de rubedine et nigredine, plus tamen declinat ad albedinem quam ad nigredinem ... purpureus ... affinis est rubro sed magis ... ad nigredinem quam ad albedinem. Vnde dicit Aristoteles in 2° de sompno et vigilia quod puniceus per purpureum transit in nigrum. Vnde post rubedinem illa habet ad nigredinem. ¶ Inveniuntur autem in mari quedam ... quas ... in ... quasdam ... guttas ... quas ... tingit purpuras et colores rubros ... Vnde talis sanguis in quantitate recolligitur et in vasis ... tinctorum ... aliis coloribus ... in quibus tingitur ... ex quo ... pannus purpureus ... gloria ostentatur, ut dicit G. super ... ° g°.

## De colore viridi

Color viridis generatur ... in materia ... ad ... ut patet in foliis fructibus et herbis ... color multum habens de nigredine ... totaliter ad nigredinem ... cum ... albi ... glauci ... in superficie humida viriditas generatur ... color ... in materia non potest ... ad plenum ... totaliter in nigrum ... viriditas in fructibus ... et ... ut dicit ... patet quia color viridis ... in fructibus ... in foliis et in herbis ... multa ... humida et grossa ... anno ...

destituit[ur] [illegible]
[illegible] arbores virescunt in vere [illegible]
in estate [illegible]
que advenientes [illegible] provenit [illegible]
ad exteriora qui [illegible] color fit viridis.
adveniente frigore [illegible] humor [illegible]
bundat siccitas [illegible] color glaucus [illegible]
commentator sup[er] li[bro] [illegible]
itaque color viridis medius [illegible]
et nigrum [illegible] transitu colore
rubeo in melancoliam [illegible] colera [illegible]
sit rubea transit in malencolia que est
nigra [illegible] colera [illegible] et que
virides fuerunt. Et ideo color viridis maxime
delectat visum [illegible]
Nam viriditas [illegible]
est temperata visum delectat obscuritas [illegible]
terrea sive nigredo [illegible] non sit in [illegible]
mediocritatem spirituum visibilium [illegible] et con-
fortat. Et ideo nullus color [illegible] ita delecta-
bilis visui sicut viror ut patet in smaragdo
qui oculos [illegible] gemmas et metalla
[illegible] reparat et confortat ut dicit Ysidorus
in [illegible] de lapidibus preciosis. [illegible] autem viridia
folia blada gramina [illegible]
nascentia [illegible]
radicant tamquam in [illegible]
tamquam [illegible] que [illegible]
[illegible] et rarefaciunt [illegible]
fumos ad [illegible] fugit [illegible]
tali colori non nigro [illegible] rubeo [illegible]
nigredo temperat nigredinis [illegible]
claritate et claritas [illegible]
ipsam reducunt ad mediocritatem [illegible]
[illegible] color
[illegible] Et quia folia [illegible]
[illegible] flores [illegible] viridis [illegible]
veniunt quod accidit [illegible]
floris in qua si [illegible]
aque et aeris erit color albus [illegible]
aque [illegible] erit color glau-
cus vel palidus aut citrinus [illegible]
[illegible] erit color [illegible]
[illegible]
[illegible] erit color [illegible]
[illegible] color viridis [illegible]

[illegible] color [illegible]
[illegible] flores [illegible]
[illegible] color viridis [illegible] et [illegible]
[illegible] visui [illegible]
[illegible] color [illegible] visus confor-
tativus et [illegible]
[illegible]
[illegible]
[illegible] viridium [illegible]
[illegible]
[illegible]
dicit [illegible]

## De colore livido

C[illegible] [illegible]
[illegible] dominante [illegible] color in
[illegible]
in [illegible] et in plumbo [illegible] naturale
est album [illegible] superficiale fit lividum [illegible]
[illegible] commentator super
[illegible] color lividus est signum [illegible]
[illegible] lividus color est signum [illegible]
[illegible] lividus [illegible]
membra [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

## De colore livido

Color autem lividus [illegible]
[illegible]
[illegible]
[illegible] habundantia [illegible]
[illegible] colore [illegible]
vel [illegible] angustia [illegible]
[illegible] lividus vel dolore [illegible]
[illegible]
[illegible]
[illegible] per violentiam [illegible]
[illegible] sicut dicit [illegible]
[illegible]
[illegible]
[illegible]

dolore in [illegible] per [illegible] sensibilitate in quibus redditur nimis est dolorosus per quod [illegible] spiritus et humoris ad locum doloris [illegible] per alios humores [illegible] [illegible] [illegible] [illegible] Dicit autem [illegible] lividitas [illegible] [illegible] expedire in [illegible] [illegible] solum tangere et ad memoriam reducere expedit [illegible] ad maiorem [illegible] [illegible] sunt tractata. Aero autem [illegible] livorem [illegible] aliquod bonum [illegible] [illegible] [illegible] [illegible] [illegible] lividum [illegible] lividi [illegible] [illegible] et triumphum. Ut [illegible] dicit [illegible] [illegible] possit per rubeum videtur [illegible] [illegible] vigor reparatur.

De col[illegible] indico

A[illegible] [illegible] sunt [illegible] est color [illegible] [illegible] [illegible] [illegible] in pulchritudine [illegible] et nitor plus [illegible] acquirat et [illegible] [illegible] [illegible] partibus [illegible] et [illegible] lividi et talis [illegible] est color celestis [illegible] [illegible] in superficie [illegible] [illegible] puro et transparenti [illegible] in saphiris orientalibus et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quasi in [illegible] [illegible] [illegible] lapide lazuli.

De nigr[illegible]

Nigredo est privatio albi in [illegible] [illegible] [illegible] est [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] color [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] privatio [illegible] [illegible] [illegible] nigredo [illegible] [illegible] pura et [illegible] [illegible] [illegible] in puro [illegible] [illegible] nigredo est [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] est [illegible] [illegible] [illegible] [illegible] qui [illegible] [illegible] [illegible] videtur. Generatur autem nigredo in [illegible] [illegible] et [illegible] [illegible] [illegible] denigrat [illegible] humidum [illegible] est [illegible] in lignis humidis [illegible] [illegible] in [illegible] [illegible] est et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] facit albi ut dicit [illegible] [illegible] nigredo que [illegible] [illegible] [illegible] et [illegible] adhesionis et [illegible] [illegible] [illegible] [illegible] dicit Egidius

quia [illegible] sicut [illegible] [illegible] [illegible] [illegible] [illegible] adhesionem et [illegible] [illegible] in [illegible] [illegible] [illegible] dicit Egidius. [illegible] [illegible] [illegible] commoda febris [illegible] [illegible] [illegible] [illegible] et [illegible] in febres. [illegible] nigra [illegible] [illegible] [illegible] [illegible]. Sunt autem quidam colores picture [illegible] [illegible] quorum quidam in [illegible] terre nascuntur ut Sinopium [illegible] auripigmentum et [illegible] quidam [illegible] [illegible] [illegible]. Sinopis color est [illegible] in ponto [illegible] ad [illegible] [illegible] Sinopi civitate a qua nomen sic accepit ut dicit Ysy. libro 19. [illegible] species sunt tres [illegible] rubeus et minus rubeus et [illegible] [illegible] [illegible] ut dicit idem. Auripigmentum est [illegible] [illegible] color [illegible]. Quorum [illegible] [illegible] sibi [illegible] et colligitur in litoribus rubri maris in [illegible] et hic color inter facticios reputatur [illegible] [illegible] [illegible] ex Sinopide et sandaraca simul mixtis ut dicit Ysy.

De minio

d. minio

Minium color rubeus cuius [illegible] greci [illegible] [illegible] primo invenerunt in yspania huius pigmentum [illegible] regionibus plus habundat ut dicit Ysy. Cynobium quod greci cynapium dicunt [illegible] et ab [illegible] [illegible] ab elephante est vocatum. Dicunt enim draconum esse [illegible] [illegible] implicat elephantes [illegible] belue et dracones obeunt. Quorum [illegible] [illegible] terra [illegible] [illegible] pigmentum quicquid [illegible] est autem pulvis coloris rubei ut dicit Ysy.

De prasio colore

d. prasio

Prasius color [illegible] est viridis [illegible] sit color viridis sicut [illegible] in [illegible] [illegible] [illegible] ut dicit Ysy. Crisocolla est vena prasini coloris sic dicta eo quod [illegible] ea dicitur aurum inveniri. [illegible] in Armenia [illegible] [illegible] probabilior est [illegible] [illegible] in Macedonia et [illegible] [illegible] [illegible] [illegible] [illegible] inventio aurum iudicat et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut dicit Ysy. Sandaraca nascitur in topazio [illegible] est insula maris rubri [illegible] [illegible]

in metallis aureis et argenteis fit et tanto melior [illegible] [illegible] sulphur plus [illegible] [illegible] et [illegible] in [illegible] [illegible] in sandaracam convertitur. Cuius color est flavus quod si [illegible] [illegible] cum rubrica et [illegible] [illegible] [illegible] reddit ut dicit [illegible].

De arsenico auripigmento

Arsenicum auripigmentum dicitur ob colorem auri. Colligitur autem in ponto ex terra [illegible] in aureum colorem transit [illegible] est [illegible] [illegible] habet virtutem quod [illegible] est [illegible] [illegible]. De hoc [illegible] supra in tractatu de [illegible] [illegible] ubi ponitur de auripigmento.

De ocra una terre

Ocra nascitur in [illegible] insulis et [illegible] [illegible] fit [illegible] [illegible] [illegible] [illegible] mollis [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] in camino arserit melior est [illegible] ut dicit [illegible].

De indico

Indicum in cannis indicis limo [illegible] spuma adherente limo redditur. Est autem alterum in purpurariis [illegible] spuma [illegible] [illegible] contractibus detrahitur et desiccant [illegible]. Attramentum est dictum eo quod fit [illegible]. Cuius [illegible] [illegible] est [illegible] [illegible] [illegible] et picture et [illegible] [illegible] [illegible] putatur. Fit enim ex fuligine multis modis super ardentes tedas [illegible] [illegible] in aqua miscetur glutinum ut illustrius resplendeat. Quidam autem carbones [illegible] [illegible] [illegible] cum glutino addunt. Alii [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fit aliis modis ut dicit ysy. Cum attramento etiam temperatur [illegible] et [illegible]. Habet autem multas virtutes ut [illegible] in plateario [illegible] supra et vinis [illegible] [illegible].

De melino

Melinus color est candidus [illegible] [illegible] [illegible] in melo insula [illegible] [illegible] cicladibus et ideo melinus est dictus ut dicit ysy. [illegible] [illegible] [illegible] [illegible] pictores eo non utuntur ut dicit [illegible].

De stibio

Stibium est color [illegible] ex [illegible] [illegible] [illegible] aliis mixtus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

De cerusa.

Cerusa ex vapore [illegible] [illegible] tabulas [illegible] super [illegible] [illegible] [illegible] [illegible] [illegible] super [illegible] [illegible] [illegible] viride [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] color viridis [illegible] [illegible] [illegible] [illegible] [illegible].

De purpura

Purpura a [illegible] [illegible] est dicta [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] color [illegible] sanguineus [illegible] [illegible] a quibusdam [illegible] [illegible] [illegible] et [illegible] ut dicit ysy [illegible] [illegible] [illegible] et alii colores [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et pictores [illegible] [illegible] dicti sunt nobiliores et ideo de eis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dicitur autem [illegible] [illegible] et [illegible] coloratores ut dicit ysy [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] picture [illegible] [illegible]. Est autem pictura dicta [illegible] [illegible] [illegible] imago facta non [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] colore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] studio [illegible] [illegible] [illegible] dum augere contendunt [illegible] [illegible] [illegible] [illegible] sicut [illegible] [illegible] [illegible].

Pictura autem [illegible] [illegible] umbra hominis [illegible] [illegible] [illegible] coloribus et post [illegible] [illegible] [illegible] [illegible] se [illegible] et [illegible] [illegible] et [illegible] colorum atque umbras [illegible] et [illegible] pictores [illegible] [illegible] et umbras [illegible] [illegible] [illegible] [illegible] coloribus [illegible] [illegible] [illegible] ordinem adhuc [illegible] ut dicit [illegible] [illegible] [illegible] de picturis.

De sapore aerico

Sapor aeticus [illegible] ex [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible]

[illegible]

## De sapore pontico

P[illegible]

[illegible]

[illegible] ... dulcedinem [illegible] ... et ita [illegible] ... ducat. [illegible] ... caro [illegible] ... et pinguia et ideo est [illegible] ... dulcedinis mixtio [illegible] ... ibi [illegible] ponti-[illegible] ... natura [illegible] et dulcedo [illegible] ... de absinthio et fumo [illegible] ... amaritudo ma[illegible] ... ut aloe et silia. Item [illegible] ... et post prandia [illegible] ... ad [illegible] ... ante prandium [illegible] ... constringunt [illegible] et oppillant [illegible] ... et [illegible] ... stiptica et [illegible] ... grossitie sua [illegible] ... oppillant calculum [illegible] ... passionem excitant obturando sua grossitie intestina, et fumum [illegible] ... spiritualia [illegible] membra [illegible] et gravant [illegible] ... et [illegible] ... apposita [illegible] ... timores calidos [illegible] sanguis fluxum [illegible] atque [illegible] ... et [illegible] ... excitabant.

## De sapore stiptico

Sapor stipticus ex frigido et sicco in [illegible] ... ad sui perfectionem [illegible] ... elementa qualitate proportione [illegible] ... aqua et terra [illegible] ... in pontico ex aqua [illegible] ... et ex terra [illegible] ... ebullitionem [illegible] ... dissolvunt [illegible]

de sapore pontico

de sapore

Et q̄ [illegible] non pōt [illegible] cōferuare eū cōsumunt remanent sba [illegible] Et ita p3 q̄ sapor stipticus causat' in fri° et terr° in sba [illegible]. Et in hoc d[illegible] fert a pontico q̄ eisdem causis hus[illegible] remissis in grossa sba causant' [illegible] ticus sapor sub pontico cōtinet' [illegible] qui tn̄ dicit esse sapore differentē sub pontico stipticū cōphendit' [illegible] potas est intensa stipticitas [illegible] ponticitas. Vn̄ [illegible] difficile [illegible] maiorem [illegible] [illegible] utrūq; cōtinuit cum alio [illegible] h3 maius et minus.

De cynamomo

Secundum ysy. li° [illegible] cynamomū est dictū q̄ cortex eius in modū canne gracilis sit et rotundus et est stipiti breui virgas hūs tenues quod cum frangit' admodum nebule [illegible] simul et mittit odore et spiraim. Sup' Eccl'i cā° 14°. dic glo. Cynamomum est breuis arbor odorifera et dulcis cyn[illegible] ri coloris cōstans duplo ad modū [illegible] fistula. Plini° q3 li°. 12°. ca°. 21°. d' cynamomo ingt et cassia fabulosa narrauit antiquitas [illegible] in nidis auium et spāle fenic' [illegible] [illegible] id quod cadit proprio pond' uel quod [illegible] cum plombatis et sagittis. Sed ista fingunt hoīes ut [illegible] pcia augeant. Nā Vitaturn aut cynamomū [illegible] trogroditas in Ethyopia / quere reliqua ad plinū li° 17°.

Explicit liber decimus nonus. Incipit vigessimus

[illegible]

De lacte vachino

Lac vaccinū lacti [illegible] est oppositū plus [illegible] q̄ [illegible] magis calidū [illegible] [illegible] tamen caloris [illegible] sibi [illegible] remanet in lacte [illegible] magis [illegible] grossissimū [illegible] magis butirosum [illegible] calore [illegible] tur. Vulnera [illegible] sanat. Est aut tamen [illegible] calid[illegible] si lapidib3 fluuialib3 [illegible] acquisierit [illegible]

De lacte caprino

Lac caprinū [illegible] tenet mediū q̄ in suis [illegible] substanti[illegible] post [illegible] esse dicit' [illegible] Et [illegible] pulmonis [illegible] et [illegible] ac [illegible] vtra [illegible] zucaro multū [illegible] et [illegible] caseo et butiro [illegible] medicinat et [illegible] Lac aut caprinū [illegible] bibitum in stomaco [illegible] [illegible] medico mel[illegible] [illegible] sale [illegible] coagulabit

[illegible]

De lacte porcino

L[illegible]

De lacte asinino

L[illegible]

De lacte cabalino

L[illegible]

De lacte prope partum

L[illegible]

[illegible] [illegible] et nociui [illegible]
[illegible]
[illegible] [illegible] liberi-
[illegible] [illegible] ad [illegible]
[illegible] coagulatum pessimar-
[illegible] [illegible] per fumo [illegible]
[illegible] doloris capitis [illegible]
[illegible] [illegible] inductiuum
[illegible] [illegible] vel plus de [illegible]
[illegible] vel [illegible] vel [illegible]
[illegible] multarum infirmitatum
[illegible] [illegible] et [illegible]
[illegible] [illegible] est corruptiuum
[illegible] et [illegible] adunatiuum
[illegible] [illegible] inflatiuum [illegible]
[illegible] [illegible] pustularum
[illegible] et [illegible] in paruulis [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] sua [illegible]
[illegible] digestione expulsiuum
et [illegible] inductiuum. Et has et
multas alias [illegible] lactis corruptio
[illegible]

De butiro

[margin: de butiro]

Butirum a buendo [illegible] profundendo est
[illegible] ut dicit ysy[dorus]. Sua [illegible] virtuo-
[illegible] [illegible] [illegible] et profundere
[illegible] [illegible] [illegible]. [illegible] butirum
est flos lactis [illegible] [illegible] et [illegible]
[illegible] [illegible] multum
[illegible] [illegible] virtuosa [illegible]
[illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] ut dicit ysa[ac] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] oleaginum
[illegible] [illegible] [illegible]
[illegible] [illegible] et pulmo[nis]
[illegible] [illegible] pro-
[illegible] [illegible] dissolutum

[illegible] ... amplius [illegible] ut dicit [illegible]
contrariu [illegible]
aspitate [illegible] mollificat [illegible]
dat et apla maturat et dissolvit [illegible] pul
monis gutturis et pectoris [illegible]
et intestino [illegible]
indignatos et [illegible]
rat atq; laxat ut dicit [illegible]
Amplius q contra venena [illegible]
psidium est si [illegible] bibat [illegible] calido
dissolutu bibat in magna [illegible]
et viscositate sua oppillat [illegible]
ascendat subito [illegible] venenu. [illegible]
sitati ad se trahit et [illegible]
vomitum vaporat et educit [illegible]
Est aut sic flos lactis [illegible]
do recolligit in vasse [illegible] mendo

## De caseo

Caseus ut dicit ysy. li. 20. a carendo
medi[na] est dict' eo q tunc diu i [illegible]
[illegible] quousq; sero careat et a lacte [illegible]
[illegible] separat. Un dicit caseus [illegible]
eo q [illegible] est [illegible]
sive liquore ut dicit [illegible] ysidoru [illegible]
caseus a cadendo est dictus eo q facile [illegible]
et cadit [illegible] et labitur [illegible] digitos fa
cientis. Est aut caseus [illegible] ut
dicit ysy. et ysaac caseata [illegible] lactis [illegible]
est et grossa et ad digeren[dum] dura [illegible]
descendit [illegible] et magis [illegible]
q solutionem. Et est gravis [illegible] et [illegible]
nibus et splenis [illegible] sa illa [illegible]
la[illegible] [illegible] et calculos [illegible]
pp ista mala accidit [illegible] dicit [illegible]
omnis caseus [illegible] est malus tamen
caseus qui [illegible] est [illegible] minus est nocivus
Unde distinguit ysaac [illegible]
[illegible]
[illegible]
[illegible]
et [illegible] ad digestione est facilior et [illegible]

[illegible]

### De caseo [illegible]

[illegible]

De ouis araneę

O[illegible]

De ouis anseris

A[illegible]

De ouis columbe

O[illegible]

De ouis draconis

O[illegible]

De ouis galline

O[illegible]

De ouis pauonis

O[illegible]

De ouis perdicis

O[illegible] in temperamento et in complexione et in magnitudine et [illegible] ova sua [illegible] propter [illegible] ad [illegible] ut dicit ysy.

De ouis struthionis

Oua struthionis sunt magna et rotunda [illegible] alba [illegible] et [illegible] hora ut oua ponat ad stellas pliades [illegible] oculos leuat. Non enim oua ponit nisi in ortu illius constellationis [illegible] stella oriatur mense julij [illegible] ponit oua sua sabulo [illegible] et [illegible] ubi ea posuit [illegible] ad ea redit ultra [illegible] calor solis in arena illa recoquit et ex eis pullulos procreat et producit [illegible] tamen fracta testa pullus eductus fuit [illegible] in ouo [illegible] Oua autem struthionis in ecclesijs suspendunt ad ornatum propter magnitudinem et raritatem.

De ouis turturis

Oua turturis talia sunt ouis columbe et sunt [illegible] minora et ouat in [illegible] solum duo oua [illegible] non plus ouat nisi prius oua [illegible] ut dicit [illegible] et oua cubant super dura ligna ut columba et [illegible] ouat usque ad [illegible] annos ut dicit [illegible].

De ouis aspidum

Oua aspidum sunt parua rotunda [illegible] uel [illegible] limosa [illegible] intrinsecus fetida [illegible] continet [illegible] mortifera [illegible] quod [illegible] non [illegible] ut dicit plinius [illegible] continget [illegible] ut dicit idem oua aspidis [illegible] ab alio [illegible] et [illegible] fomento [illegible] et [illegible]

[illegible] [illegible] natura aut [illegible] talem
procreant [illegible] [illegible] [illegible] hominem
nam in [illegible] ortu [illegible] [illegible]
[illegible] aspicit [illegible] [illegible] [illegible]
occidit ut dicit [illegible]. Et hanc [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] de ouis aspidum [illegible] et quod
[illegible] est de ouis [illegible] [illegible]
in regulum [illegible] [illegible].
ouis aspidis generat regulus et [illegible]
[illegible] nascitur [illegible]

De Ouis aquile

Oua aquile sicut et [illegible] [illegible] sunt
pauca quia nisi raro [illegible] [illegible]
non [illegible] et [illegible] aquila [illegible] [illegible]
de nido [illegible] difficulter [illegible] [illegible] [illegible]
Ar[illegible] li. [illegible]. In nido [illegible] [illegible]
[illegible] [illegible] [illegible] ouis [illegible] [illegible]
magis [illegible] [illegible] [illegible] [illegible]
aquilam ponit lapidem [illegible] ouis [illegible]
tonitruo [illegible] ut dicit plinius

De Ouis aland.

Oua alaude sunt [illegible] [illegible] [illegible]
[illegible] [illegible] sub gleba et [illegible]
sepius a reptilibus et mustellis.

De Ouis bubonis

Oua bubonis sunt parua et [illegible]
fragilis teste [illegible] [illegible] [illegible]
de albumine et [illegible] de [illegible] [illegible]
aut [illegible] [illegible] et [illegible] [illegible]
et [illegible] de [illegible] [illegible] oua [illegible]
[illegible] pugnat [illegible] ouis suis
ut dicit Ar[illegible] li.a 8.o

De Ouis coruinis

Oua corui ut dicit ar[illegible] li. [illegible] sunt
multa et cubant [illegible] [illegible]
et masculus [illegible] [illegible] [illegible]
aliquando [illegible] [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] dicit [illegible]
[illegible] [illegible] [illegible] oua pre
[illegible] [illegible]

De Ouis corcodrili

Oua corcodrili sunt [illegible]
et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] a femina [illegible] plinius
li. 8.o [illegible] [illegible] oua [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]

De Ouis colubri

Oua colubri sicut et [illegible] [illegible]
sunt multa [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible]

De ouis formicar

Oua formicarum [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] in locis calidis [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] aliquo
[illegible] [illegible] [illegible] de [illegible] nido [illegible]
[illegible] [illegible] [illegible] [illegible] dicit plinius
[illegible] et [illegible] [illegible] [illegible] [illegible] ouis
formicarum [illegible] dicit plinius.

De Ouis grifis

Oua grifis [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] sunt [illegible] et [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] dicit [illegible]

De Ouis yrundini

Oua yrundinis sunt [illegible] [illegible] ut dicit
Ar[illegible] [illegible] [illegible] [illegible] [illegible]
ut dicit [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] bis in [illegible] [illegible]
[illegible] oua [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] ut dicit [illegible] li. 10.o

De Ouis miluorum

Oua miluorum sunt [illegible] ouis [illegible]
[illegible] dicit [illegible] [illegible] [illegible]
[illegible] ut dicit plinius

De Ouis [illegible]

Oua [illegible] [illegible] [illegible]
[illegible] [illegible] sicut oua [illegible]

[illegible] numora et in maculis [illegible]
[illegible] et [illegible] Et matrix aut
fouens ova sup aquas vel fontes [illegible]
[illegible] inficit et corrumpit de quo [illegible]
[illegible] matrix aque [illegible] parte l° c° [illegible]
[illegible] reptilibus

Ve Ouis vpupe

O[illegible] vpupe sunt sicut ova perdicis [illegible]
[illegible] et [illegible] et [illegible]
[illegible]
[illegible] Et [illegible] et [illegible]
et [illegible] et [illegible] ova [illegible]
sunt [illegible] ad sua maleficia [illegible]
vt dicit [illegible] l° [illegible]

Ve ouis vulturis

O[illegible] vulturis sunt magna vt aquile
et [illegible]
ova [illegible] maculis [illegible]
dure [illegible] mala [illegible]
Et [illegible] aliqua de ovis [illegible]
que [illegible] facilis [illegible]
[illegible] vt dicit [illegible]
ova [illegible] et [illegible]
dicta sufficiunt

Ve Sacro numero

A[illegible] proprietates [illegible]
[illegible] ostendit [illegible]
[illegible] vtile [illegible]
[illegible] propor-
tionibus et differentiis numerorum mensurarum
ponderum et [illegible] Nam vt dicit [illegible] l° c°
[illegible] numerorum tenenda est [illegible]
locis sacre scripture [illegible]
[illegible] obtinet [illegible] Non enim [illegible]
dicta est [illegible] in numero [illegible]
et mensura sicut dicit [illegible] l° [illegible]
Nam [illegible] qui [illegible]
[illegible]
[illegible]
[illegible]

disciplina [illegible] disciplina
[illegible] numerus [illegible]
[illegible] spatia [illegible] numerum
[illegible] quadrus [illegible] impositis con-
fundam tolle [illegible] in rebus et omnia
pereunt Adime computum et cuncta igno-
rantia ceca complectitur Nec differunt homines
a ceteris animalibus qui rationem calculi
et computationis adhuc ignorat ut dicit
[illegible] etiam dicit
in principio arismetice quod numquam sciret quod
quid esset triangulus sine ternario numero
et sic de aliis Vnde notum est quod sine cogni-
tione numeri nullius scientia possidetur
ut dicit [illegible]

Ve numero

N[illegible] ut dicit [illegible] est mul-
titudo ex vnitatibus aggregata. Nam
vnitas radix est et semen numeri [illegible]
materie
[illegible]
[illegible] omnium numerorum origo [illegible]
[illegible] omnis numerus effluit et emanat
Nam vnitas est radix multiplicitatis et mul-
titudinis et est simplicius et [illegible] et
virtuosius omni sub eo contento ut dicit
[illegible] l° [illegible] p° [illegible] 2°. Nam [illegible]
est radix multiplicitatis et origo multitu-
dinis omnis [illegible] et omnia sunt
in eo [illegible] ut dicit [illegible] 2°
Nam vnitatis proprietas est effectiva multi-
tudinis et illam [illegible] et ei [illegible]
[illegible] in omnibus partibus eius [illegible] et semper
[illegible] ut dicit [illegible] l° 4° ca° 2° [illegible]
vnitas omnium numerorum sit origo et quanto plu-
res appropinquat vnitati tanto plus
appropinquat veritati ut dicit [illegible] 2°
Nam vnitas se [illegible] admodum forme [illegible]
qualitas [illegible] modum materie Et ideo quanto
[illegible] plus [illegible] ad vnitatem tanto plus
ad veritatem [illegible] non est [illegible] vnitas
vt dicit l° [illegible] 9° Nec diversificatur vnitas
nisi per [illegible] sit [illegible] omni

[illegible] de [illegible]. Unitas est [illegible] quod [illegible]
dicitur unitas [illegible] vel numero
procedit [illegible]. Et [illegible] simplici-
tas sit [illegible]
ratio ut dicit [illegible]. Unde
unitas [illegible] quia [illegible]
-talis oritur [illegible] a qua
omnis numerositas [illegible]
et originem [illegible] ut [illegible]
-rationem simplicitatis quia unum est quod non
dividitur ut dicit [illegible]. [illegible]
inquit unum est quod [illegible]
nec intellectu [illegible] et talis [illegible]
numerorum ut dicit [illegible]. ¶ [illegible]
-fectibilitatis. Nam particularia [illegible]
quelibet in se sunt perfecta [illegible]
tatem sunt redacta sunt perfecta. [illegible]
et perfectio [illegible] unum ut dicit [illegible]
[illegible] quia perfectum [illegible] unum ut dicit
in libro de [illegible] et modo [illegible]
singularis dignitatis unum [illegible] est
aliquid [illegible]

## De triplici unitate

Unum sive unitas [illegible] est ut dicit Algazel. Est unum simpliciter [illegible] simpliciter
quid unum simpliciter [illegible] in quo non cadit
multitudo actu [illegible] sit potentia [illegible]
et membrum in quo [illegible]
unum [illegible] quod dicitur simpliciter [illegible]
ut homo et bos. Unum [illegible] ut [illegible]
Plato. Unum accidente ut [illegible]
proportione ut [illegible]
in [illegible] sicut dulce et album [illegible]
[illegible] aut in [illegible]
quod est unum accidente [illegible]
[illegible] subiecto et est [illegible] multitu-
ut unum [illegible]
et unum [illegible] Socrates [illegible] Pla-
[illegible] ut homo et bos et [illegible]
et unum [illegible]
[illegible]

[illegible] ut fugere [illegible]
[illegible] et [illegible]
[illegible] ¶ [illegible]
[illegible] modo [illegible]
[illegible]. Est [illegible] unitas [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] unitas est [illegible]
[illegible]
[illegible]
[illegible] est unitas [illegible]
[illegible]
[illegible]
[illegible] unitas [illegible] et [illegible] unitas
[illegible] homo [illegible]

¶ [illegible] quatuor [illegible]
differentias [illegible] est [illegible]
[illegible]
[illegible]
[illegible]
[illegible] unitas [illegible]
[illegible]
[illegible]
[illegible] divine bonitatis [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] totalitas et perfectio [illegible] unitas
[illegible]

## De dualitate

A [illegible] dualitas [illegible]
[illegible] post unitatem [illegible]
[illegible] materia et [illegible]
[illegible]
[illegible] ab [illegible]
[illegible]
[illegible]
[illegible]

[illegible] [illegible] [illegible] [illegible] propter
[illegible]

### De ternario

Ternarius est numerus qui ex unitate adiuncta ad binarium [illegible] et est ternarius [illegible] numerus sanctissimus [illegible] [illegible] trinitatis vestigia [illegible] [illegible] unitas [illegible] [illegible] [illegible] representat unitatem [illegible] ternarius [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Ternario [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et modo. Nam beata trinitas [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] in numero [illegible] et [illegible] [illegible] de sapientia [illegible]. Ex additione autem unitatis ad ternarium quaternarius surgit qui [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] forma [illegible] quadrangula [illegible] stabilis [illegible] [illegible] forma [illegible] [illegible] [illegible] stabilitatem universalis ecclesie et fidelitatem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sanctis [illegible] [illegible] latitudo [illegible] longitudo sublimitas et profundum.

### De numero quinario

Ex additione autem unitatis sub quaternario surgit 2 [illegible] [illegible] [illegible] qui est impar [illegible] [illegible] [illegible] [illegible] [illegible] est secundus et illos [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nihilominus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] voluptatibus adhuc [illegible] [illegible].

### De senario numero

Ex additione [illegible] unitatis ad quinarium surgit senarius [illegible] [illegible] [illegible] [illegible] [illegible] ex suis partibus aliquotis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dicit Boetius [illegible] [illegible] [illegible] [illegible]

numerus [illegible] [illegible] [illegible] [illegible] superant [illegible] [illegible] [illegible] [illegible] [illegible] partes [illegible] [illegible] [illegible] [illegible] [illegible] diminutus. Item senarius continet in se [illegible] [illegible] [illegible] ternarium et [illegible] [illegible] [illegible] unitatem. Ergo autem unitatis [illegible] [illegible] et [illegible] binarius [illegible] [illegible]. Et ideo iste numerus perfectionis [illegible] et [illegible] [illegible] in scriptura sacra.

### De numero septenario

Septenarius numerus qui resurgit ex additione unitatis ad senarium et inter pares [illegible] [illegible] [illegible] [illegible] designat [illegible] [illegible] [illegible] [illegible] et [illegible] in [illegible] [illegible] trinitatis.

### De octonario numero

Octonarius autem qui resurgit per additionem unitatis ad septenarium et componitur ex [illegible] equalibus scilicet ex duobus quaternariis vel ex duobus imparibus inequalibus scilicet ex quinario et ternario [illegible] [illegible] [illegible] additionem beatitudinis et glorie in patria qui [illegible] illos qui [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] paritas premiorum et [illegible] tormentorum et [illegible] imparitas gaudiorum et particularium consolationum. Nam gaudium martyrum aliis [illegible] [illegible] [illegible] gaudium confessorum et virginum et [illegible] [illegible] stella differt a stella in claritate [illegible] [illegible]. Et ideo propter [illegible] et disparia merita et gaudia diversa et dixit dominus in domo patris mei mansiones multe sunt. Johannis 14°.

### De novenario numero

Novenarius autem numerus qui resurgit per additionem unitatis ad octonarium et componitur ex triplici ternario et [illegible] [illegible] [illegible] denario solum in unitate differens ab eo [illegible] et gloriam representat triplicem [illegible] angelorum [illegible] quolibet [illegible] [illegible] [illegible] et [illegible] in beatissima trinitate et [illegible] [illegible] ad [illegible] [illegible] [illegible].

## De denario numero

Denarius dicitur quasi perfecta ... [illegible]
... [illegible] ...
... simplicium numerorum ... [illegible]
compositorum ... [illegible]
dominum qui est alpha et o ... [illegible]
non solum creaturas ... [illegible]
etiam felicitas est et beatitudo ... et ange-
lorum. Denarius itaque ... [illegible]
... numeralis ... [illegible]
replicatur numerus ... [illegible]
quia decies in se ductus numerus reddit per-
fectum scilicet centenarium qui ... [illegible]
in decem ... ut dicit beda ... [illegible]
quod numerorum alius est digitus ... [illegible]
tulus, alius compositus ... [illegible]
... simplices ab uno usque ad de-
... Articulus dicitur ... [illegible]
denarius, compositus ... [illegible]
tulus ut ... [illegible]
ad centum et decies centum reddit mille ... [illegible]
quo notatur dignitas denarii ... [illegible]
replicatur ad ... [illegible]

## De perfecto numero

Perfectus numerus est qui suis partibus
adimpletur ut senarius ... [illegible]
tres partes scilicet sextam tertiam et dimidiam
Sexta est unum, tertia duo et dimidia
scilicet tres et hec partes ... [illegible]
unum duo tria senarium perficiunt ... [illegible]
... autem perfecti numeri intra denarium
sex, intra centenarium viginti octo, infra mil-
narium quadringenti nonaginta et sex
et infra decem milia ... [illegible]
hii numeri perfecti semper in sex vel in octo
terminantur, ut dicit boetius.
Perfectos autem numeros raro inveniri ... [illegible]
... [illegible] ...
pauci sunt ... [illegible]
... [illegible] ...

## De superficiali numero

Superficialis numerus ... [illegible]

[illegible] ... ad diversa [illegible] ... multiplex ... Nam sicut ... vegetabilem ... sensibilem. Nam sicut ... linea ducta ab angulo ... angulum ... [illegible] ... sensibilis et vegetabilis ... et sic ... adaptantur ... mensura [illegible]

## De mensura in generali

Mensura ut dicit [illegible] ... [illegible]

... mensura ... liquidorum et aridorum ... [illegible] ... modii ... amphora et sextarius.

[T]riens ... pars minima est ... dimidia pars dragme ponderans ... triplicatus ... Nam ... dimidia ... x. dragmas ... xii dragmas ... [illegible]

... [illegible] ... sextarii ... mensura ... [illegible]

Longius ... [illegible] ... Longius a congiando ... nomen ... congiarii ... Unde ... favore populi ... ad mensuram ... Congiarium tamen ... est mensura liquidorum cuius nomen a romanis impositum.

## De metreta mensura

Metreta liquidorum est mensura a metron greco vocata et est commune nomen omnis mensure liquida continentis.

## De modio mensura

Modius est dictus eo quod sit suo modo perfectus. Est enim mensura librarum xliiii ... sextariorum xxii et secundum opera dei prefectorum ... uno opera fecit ... dierum opera sex dierum. Nam prima die fecit duo scilicet materiam et formam angelorum lumen ignem celos superiores ... terram et aquam. Secunda die firmamentum solum. Tercia die quatuor scilicet maria ... et plantaria. Quarta die fecit ... solem lunam et stellas. Quinta die tria pisces reptilia et volatilia. Sexta die fecit quatuor bestias iumenta reptilia terre et hominem. Et facta sunt xxii genera in primis sex diebus. xxii generationes sunt ab Adam usque ad Iacob ex cuius semine nascitur omnis gens Israel. Et xxii sunt libri veteris testamenti et xxii littere alphabeti quibus tota traditur divine legis disciplina. His igitur exemplis modius mensura xxii sextariorum conficitur mosayce traditionis. Et est modius a modo dictus quasi mensura modicata ...

## De sato mensura

Satum genus est mensure iuxta morem provincie palestine unum et dimidium modium capiens cuius nomen ex hebraeo ...

d. metreta

d. modio m...

d. sato m...

[illegible]

De archa

Archa [illegible] est repositorium [illegible] in quo [illegible] reposite [illegible] ne passim ab [illegible] dicit et arcam [illegible] titudinis ex industria [illegible]

De bachia mensura

Bachia est mensura [illegible] sibus deputata

De cathino

Catinum est [illegible] fictile [illegible] deputatum [illegible] masculine [illegible]

De calato mensura

Calato mensura [illegible] [illegible] distinandis appropriatum

De celata

Cellata sunt [illegible] aurea vel argentea singulis [illegible] extra expressa a celo dicta quod est [illegible] ferramentum quod nulla [illegible] ut dicit ysidorus.

De fiala vitrea

Fiala est dicta a vitro [illegible] vitreum dicimus et est vasculum [illegible] latum [illegible] in quo [illegible] distinguitur potissime per colorem.

De filatio

Filatium est parvum [illegible] in quo [illegible] consuevit [illegible] brana vel [illegible] et reliquie [illegible]

De fisto

F[illegible] [illegible] quod [illegible] illud quod non [illegible] xpus [illegible]

De fistola mensura

Fistola est [illegible] et [illegible] vel [illegible] fuit [illegible] in quo [illegible] flumen [illegible]

De cannata mensura

Cannata est [illegible] profunda [illegible]

De loculo

Loculus [illegible]

De pelvi mensura

P[illegible]

De men[illegible]

M[illegible]

[illegible] ... in longitudine ... [illegible]

... quadrans ... [illegible]

... [illegible] ...

## De mensuris viarum

M[illegible] ... [illegible]

... [illegible] ... spatia ... [illegible] ... stadium appellant ... [illegible]

## De via publica

V[ia] publica ... [illegible] ... in solo ... [illegible] ... strata ... [illegible] ... lapidibus ... [illegible] ... obstaculo ... [illegible]

## De ponderibus in generali.



P[onderum] etiam ut dicit ... [illegible] ... ponderum ... [illegible] ... corporis rerum ... rebus nature ... pondus debet suum et quo regit omnia ... pondus est dictum omnia enim posuit et collocat in loco. Et est nihil aliud est pondus nisi impetus vel tendentia ad locum suum. ¶ Duplex autem pondus principium effectivum est s[cilicet] levitas et gravitas. Unde levitas in simplici materia et subtili movet sursum nec quiescit donec veniat ad speram suam. Et quod gravitas dominans in materia corpulenta et terrestri movet deorsum nec quiescit donec centrum pervenit ad quod tendit. Et ideo omnia gravia suo pondere centrum ... Unde ... materia rara et subtilis duplicem levitat. ... talis materie partes ... moventur a centro ad circumferentiam nec quiescunt donec tangunt ... ¶ alias etiam ... partium rarefactione plurima est ... et eius partes ... ignis que partes ... dissolvit et ... et sic totum levigat et sursum ducit. Unde calor maxima est causa et potissima levitatis. Et sicut frigiditas ... motus est a circumferentia usque ad centrum causa ... partium et coadunationis et per consequens gravitatis. Unde corpus ... est solidius et compactius tanto gravius et ... tanto levius invenitur. Et cum pondus respiciat tam leve quam grave ... inclinationis utriusque ad locum sibi naturaliter deputatum, nomen tamen ponderis sibi vendicavit vendicat ratione gravitatis. Nam que descendunt propter suam gravitatem dicuntur ponderosa que universaliter dividuntur et ideo dicit ysi. li°. ...° quod pondus quod non ascendit sursum levius dicitur et per oppositum ponderosa universaliter dividuntur et ideo dicit ysi. li°. ...° quod pondus dictum est ... ponderat ... ¶ [illegible] ... modum ... pondus ... nomen pondus

[illegible] est [illegible]
[illegible]
pond[illegible] [illegible]
[illegible] itaque in quo [illegible]
[illegible] simodi [illegible]
est dicta eo q[uod] duobus [illegible]
medio stilo librata [illegible]
aut[em] dict[ur] q[uia] [illegible]
uno ponit[ur] pondus [illegible]
ponderanda. Est itaque [illegible] pondus [illegible]
ambe lances cum [illegible]
sibi [illegible] correspondent [illegible]
pondu[m] rectus est medius [illegible]
designatus ut dicit ysydorus [illegible]
dicit[ur] minima pars ponderis [illegible] est [illegible]
pars oboli [illegible] ex [illegible]
[illegible] uocat[ur] calculus [illegible]
calculus est modicus dictus [illegible]
[illegible] ¶ Infrascripta sunt nomina
ponderu[m] sive [illegible] siliqua [illegible]
dragma denarius solidus [illegible]
idem est quod denarius [illegible]
quod solidus [illegible] est [illegible]
[illegible] sextus libra [illegible]
[illegible] dragmis appendit[ur] et est [illegible]
[illegible] et centenarium [illegible]
nomina require in [illegible]

[illegible] [illegible]
De gras. Amen.

¶ Liber xiiij[us] tractat de terra [illegible]
De terra in g[e]n[er]ali.
De montibus in g[e]n[er]ali
De monte [illegible] Betel. Caucaso
De monte [illegible] hermon [illegible]
De montibus ethyopie.
De monte Ethna [illegible]
De monte phasga galaad garizim
De monte Golgata gadis
De montibus [illegible] et [illegible]
De monte carmello libano [illegible]
De monte [illegible] et oliveti
De monte olimpo et horeb
De monte pernaso et ripheo.
De monte sephar et [illegible]
De montibus Synai et Syon.
De montibus Salmone et Sophym
De montibus Sarone et Seor.
De montibus Seyr. et tabor. et cyph
De valle. campo. et agro
[illegible] prato. et de deserto
[illegible] et [illegible]
De [illegible] et [illegible]

¶ Liber xv. de partibus m[undi] [illegible] tractat
et provinciis
De Asya Arabia [illegible] Armenia. Aradia
Albania. De Athira Achaia [illegible]
De alania. amazonia. [illegible]
De Anglia. Aquit[ania] [illegible]
De Alvernia. [illegible]
De [illegible] provi[ncia] [illegible] Babi
lonia. [illegible] Bactria. Bauvaria [illegible]
bania. Belgica. Bituinia. Britania
De boetia. boemia. Burgondia.
De capadocia. caldea. Cedar. Cilicia.
De Cantabria. canarea. Capanea
De canaa. Cecilia minor. Cypro.
De creta. ciclad. chios et Corsica.
De Dalmatia. Dacia. Delos [illegible]
De Europa [illegible] Ethyopia.
De Egipto. Ellada. Eoli.

T[illegible]
[illegible]

De franconia · Francia · flandria
Fenicie/ frigia/ et frixia
De Gallia · Getica · Gorulia · Gaulon
Gordonia · Gothie · Guido[illegible]
De Judia · hyrcania · hybernea · Juda
Iberia/ ytalia · hyspania · hybernia
hircania.
De kartagine · karinthia herpissa ·
De lacedonia · letonia · [illegible]nonia
De lystria · lidia · libia · lotoringia
Lussitania.
De mauritania · macedonia/ magonsia
De mysia · mesopotamia · mellio[illegible]
metia · messena · mirieni
De Nabathea · [illegible]gia · Normandia
Numidia Narbonensis
De Ophyr · orlandia · Orchada ·
De paradiso terrestri · [illegible]artia
De palestina · pamphylea
pan[illegible] persia [illegible]
De p[illegible]
De [illegible]
De [illegible]
De Ro[illegible] Ruteni[illegible]ego
De Sar[illegible]ie S[illegible] Sardinia
De S[illegible]na · Selauonia · Senonisy
De S[illegible] [illegible]terra · Selinna · Spa
tura [illegible] S[illegible]dia · Semigalia
De S[illegible] [illegible]/ Sicilia/ Scotia
Suetia [illegible]uania.
De Thanados [illegible]dlina
De [illegible]ida · Troyana · Thanathos
Tracia[illegible]na · [illegible]racia · Traconida ·
Thessali[illegible] [illegible]sia · [illegible]ugia · Thuronia
De Vasconia [illegible]mia · bestifalia
byronia · venalia · ybyria · ysanda
Ungya.

Liber xvi.[o] de [illegible] et primo
De Arena · Argilla · Alla[illegible]stru[illegible]

Aurum · Auricalcum · Auripigmentum
Argentum · Adamas · Amethistus · Agatro
Abiston · Absictus · Alabandina · Arpretes
Astrion · Alectoria · Astrites · Amianthos
De bitumine · Berillo · calculo ·
Calce · Cotti · Cemento · Carbunculo · Cu
sopassa · Calcedonia · Cusolito · Celidonio
Cristallo · Ceraunio · Corallo · Corneolo
De dyonisia · Dyadoco ·
De ere · Electro · Echite · Emathite
Elitropia · Enidrone · Epistite · Exoliro ·
De ferro · Ferrugine ·
De gleba · gemma · Gagate · Galacite
Gelangia · Geratite · De Jaspide · Ja
cinto · Yrite · Gemma
De kamau · kabrat · kalcophanus
De liguro · lipario/ · De marga
rita · Magnete · Melanite · Menphite
Mirrite/ Myrdo · Molochite · Marmore
De Nitro · Nostrin · Onichino · Optallo
Orite/ De petra · pario · prassio · py
rite · pionite · plumbo · pu[illegible]
De Quirino · Quadros · Ra
Roiben · Saffiro · Smaragdus · [illegible]
duis · Sardonis · Salis gemma · Silli
nitis · Sulphur · Sal · De topation
Turgoys · terra/ De vitro · yratichio
Zmiruth · Zinguite.

Liber xvii.[o] de arboribus · herbis [illegible]
mous · Seminibus ac radicibus quae
per Alfabetum · et liber in xviii.[o] de
animalibus.

Laus deo.

vij xxxlm[illegible] c iij a

vij xxxix [illegible] xxiij a

[illegible] vij l duc liij a

[illegible] vij li duc xxx aj

[illegible] vij lij duc xix a

[illegible] vij liij duc iij a

[illegible] vij liiij duc [illegible] aj

[illegible] vij lv duc [illegible] a

[illegible] vij lvj duc [illegible] aj

[illegible] vij lvij duc xxx a

[illegible] vij lviij duc x a

323

324